

L Number	Hits	Search Text	DB	Time stamp
2	3	pyrazolyl with (quinazolin or quinazoline) with amino	USPAT; US-PGPUB	2003/05/13 16:44
3	24	pyrazolyl with (pyrimidin or pyrimidine) with amino	USPAT; US-PGPUB	2003/05/13 16:45

9AST

10/026, 967

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now available on STN
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NEWS 23 Feb 24 TEMA now available on STN
NEWS 24 Feb 26 NTIS now allows simultaneous left and right truncation
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NEWS 30 Mar 24 Additional information for trade-named substances without
structures available in REGISTRY
NEWS 31 Apr 11 Display formats in DGENE enhanced
NEWS 32 Apr 14 MEDLINE Reload
NEWS 33 Apr 17 Polymer searching in REGISTRY enhanced
NEWS 34 Apr 21 Indexing from 1947 to 1956 being added to records in CA/CAPLUS
NEWS 35 Apr 21 New current-awareness alert (SDI) frequency in
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NEWS 36 Apr 28 RDISCLOSURE now available on STN
NEWS 37 May 05 Pharmacokinetic information and systematic chemical names
added to PHAR

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COST IN U.S. DOLLARS

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0.21

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STRUCTURE FILE UPDATES: 11 MAY 2003 HIGHEST RN 514167-89-6

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TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

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Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

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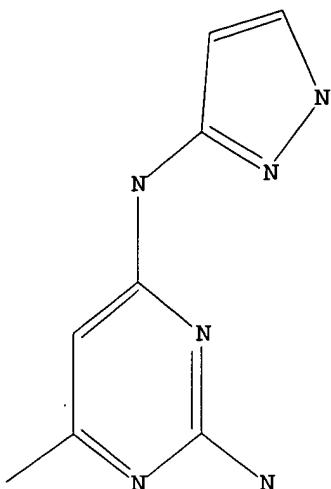
L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR

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Structure attributes must be viewed using STN Express query preparation.

=> s l1 ful

FULL SEARCH INITIATED 13:54:23 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 742 TO ITERATE

100.0% PROCESSED 742 ITERATIONS

76 ANSWERS

SEARCH TIME: 00.00.01

L2 76 SEA SSS FUL L1

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148.36

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L3

4 L2

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L3 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2002:615605 CAPLUS

DOCUMENT NUMBER: 137:169539

TITLE: Preparation of 3-(4-pyrimidinylamino)-1H-pyrazoles as protein kinase inhibitors, especially of Aurora-2 and GSK-3, for treatment of cancer, diabetes, and Alzheimer's disease

INVENTOR(S): Bebbington, David; Charrier, Jean-Damien; Golec, Julian M. C.; Miller, Andrew; Knegetel, Ronald

PATENT ASSIGNEE(S): Vertex Pharmaceuticals Incorporated, USA

SOURCE: PCT Int. Appl., 335 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 14

PATENT INFORMATION:

D.I.B.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002062789	A1	20020815	WO 2001-US51031	20011219
W:				
AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
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WO 2002066461	A1	20020829	WO 2001-US49139	20011219
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WO 2002068415	A1	20020906	WO 2001-US50312	20011219
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US 2003004161	A1	20030102	US 2001-26975	20011219
US 2003036543	A1	20030220	US 2001-25164	20011219
US 2003055068	A1	20030320	US 2001-26967	20011219
US 2003078275	A1	20030424	US 2001-27001	20011219
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US 2003022885	A1	20030130	US 2001-34019	20011220

PRIORITY APPLN. INFO.:

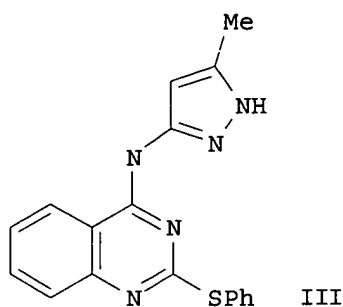
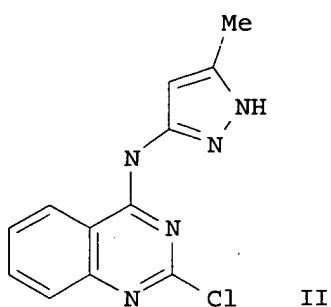
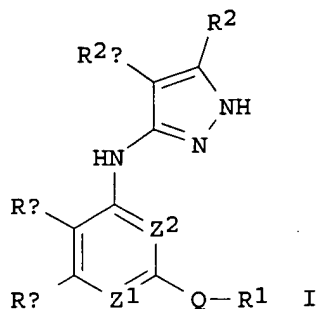
US 2000-257887P P 20001221

US 2001-286949P P 20010427

OTHER SOURCE(S): MARPAT 137:169539

GI

same priority loc



AB 285 Title compds. I [wherein Z1 = N or CR8; Z2 = N or CH; and at least 1 of Z1 and Z2 = N; Rx and Ry = independently TR3 or LZR3; or C2RxRy = (un)substituted fused (hetero)cycle; Q = NR4, O, S, C(R6')2, 1,2-cyclo(prop/but)anediyl, or 1,3-cyclobutanediyl; R1 = TD; D = (un)substituted mono- or bicyclic (hetero)aryl, heterocyclyl, or carbocyclyl; T = a bond or alkylidene chain (un)interrupted by O, S, NR4, CO, CONH, NHCO, SO2, SO2NH, NHSO2, CO2, OCO, OCONH, or NHCO2, with provisos; Z = alkylidene chain; L = O, S, SO, SO2, NR6SO2, SO2NR6, NR6, NR6CO, NR6CO2, NR6CONR6, NR6SO2NR6, NR6NR6, OCONR6, or W; R2 and R2a = independently R, TWR6, or C2R2R2a = (un)substituted fused (hetero)cycle; R3 = R, halo, OR, COR, CO2R, CO(CH2)0-1COR, NO2, CN, SO0-2R, N(R4)2, carbamoyl, sulfamoyl, OCOR, acylamino, hydrazino, ureido, etc.; R = independently H or (un)substituted aliph., (hetero)aryl, or heterocyclyl; R4 = independently R7, COR7, carboxy, CON(R7)2, or SO2R7; W = CO, CO2, CONR6, C(R6)2O, C(R6)2SO0-2, C(R6)2SO2NR6, C(R6)2NR6, C(R6)2NR6CO, C(R6)2NR6CO2, CR6:NNR6, CR6:NO, C(R6)2NR6NR6, C(R6)2NR6SO2NR6, or C(R6)2NR6CONR6; R6, R6', R7 = independently H or aliph.; or N(R6)2 or N(R7)2 = independently heterocyclyl or heteroaryl; or C(R6')2 = carbocycle; R8 = R, halo, OR, COR, CO2R, COCOR, NO2, CN, SO0-2R, N(R4)2, CON(R4)2, SO2(R4)2, OCOR, NR4COR, NR4CO2(aliph.), NR4N(R4)2, C:NN(R4)2, C:NOR, NR4CO(R4)2, NR4SO2N(R4)2, NR4SO2R, or OCON(R4)2] were prepd. However, the claims pertain only to 3-(2-amino-4-pyrimidinylamino)-1H-pyrazoles, i.e. Z1 = Z2 = N, and Q = NH. I are protein kinase inhibitors, esp. of Aurora-2 and GSK-3. For example, the (pyrazolylamino)quinazoline II was refluxed with thiophenol in t-BuOH to give III. In bioassays, I inhibited the following kinases with Ki values reported < 20 .mu.M: GSK-3.beta. (232 compds.), AURORA-2 (227 compds.), CDK-2 (13 compds.), ERK2 (8 compds.), AKT (10 compds.), and Human Src kinase (183 compds.). I are useful for the treatment of diseases assocd. with protein kinases, such as diabetes, cancer, and Alzheimer's disease (no data).

IT 438204-86-5P 438204-90-1P

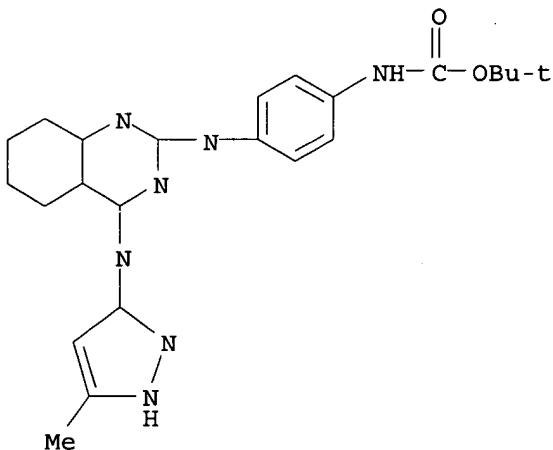
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic

10/ 026,967

preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(protein kinase inhibitor; prepn. of (pyrimidinylamino)pyrazoles as protein kinase inhibitors for treatment of cancer, diabetes, and Alzheimer's disease)

RN 438204-86-5 CAPLUS

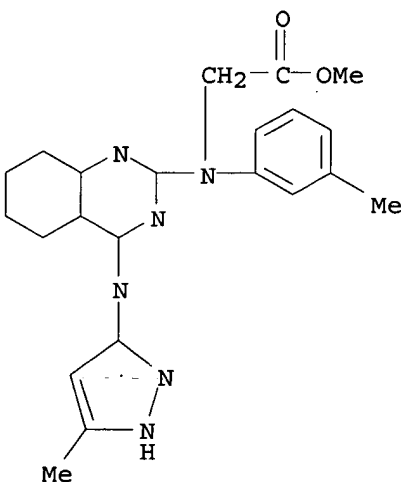
CN Carbamic acid, [4-[[4-[(5-methyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-90-1 CAPLUS

CN Glycine, N-(3-methylphenyl)-N-[4-[(5-methyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]-, methyl ester (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

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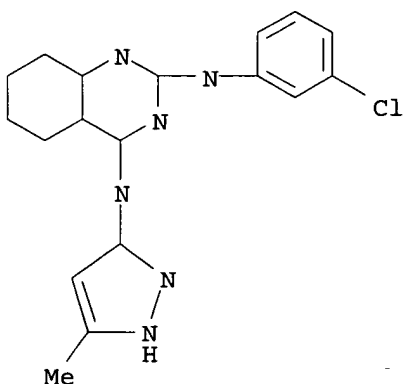
methyl-1H-pyrazol-3-yl)amine 438204-34-3P, [2-(2,3-Dihydrobenzo[1,4]dioxin-6-ylamino)quinazolin-4-yl] (5-methyl-1H-pyrazol-3-yl)amine 438204-35-4P 438204-36-5P, [2-(1H-Indazol-6-ylamino)quinazolin-4-yl] (5-methyl-1H-pyrazol-3-yl)amine 438204-37-6P 438204-38-7P, [2-(4-Chlorophenylamino)quinazolin-4-yl] (5-methyl-1H-pyrazol-3-yl)amine 438204-39-8P, [2-(4-Fluorobenzylamino)quinazolin-4-yl] (5-methyl-1H-pyrazol-3-yl)amine 438204-40-1P 438204-41-2P 438204-42-3P, [2-(3-Hydroxyphenylamino)quinazolin-4-yl] (5-methyl-1H-pyrazol-3-yl)amine 438204-43-4P, (5-Cyclopropyl-1H-pyrazol-3-yl) (2-phenylamino)quinazolin-4-yl)amine 438204-44-5P, (5-Cyclopropyl-1H-pyrazol-3-yl) [2-(3-methylphenylamino)quinazolin-4-yl]amine 438204-45-6P, (5-Cyclopropyl-1H-pyrazol-3-yl) [2-(6-methoxypyridin-3-ylamino)quinazolin-4-yl]amine 438204-46-7P, (5-Cyclopropyl-1H-pyrazol-3-yl) [2-(indan-5-ylamino)quinazolin-4-yl]amine 438204-47-8P, (5-Cyclopropyl-1H-pyrazol-3-yl) [2-(1H-indol-6-ylamino)quinazolin-4-yl]amine 438204-48-9P, [2-(4-Acetamido-3-methylphenylamino)quinazolin-4-yl] (5-cyclopropyl-1H-pyrazol-3-yl)amine 438204-49-0P, [2-(4-Chloro-3-methylphenylamino)quinazolin-4-yl] (5-cyclopropyl-1H-pyrazol-3-yl)amine 438204-50-3P, (5-Cyclopropyl-1H-pyrazol-3-yl) [2-(4-ethylphenylamino)quinazolin-4-yl]amine 438204-51-4P, (5-Cyclopropyl-1H-pyrazol-3-yl) [2-(4-propylphenylamino)quinazolin-4-yl]amine 438204-52-5P, (5-Cyclopropyl-1H-pyrazol-3-yl) [2-[4-(2-hydroxyethyl)phenylamino]quinazolin-4-yl]amine 438204-53-6P, (5-Cyclopropyl-1H-pyrazol-3-yl) (2-phenethylamino)quinazolin-4-yl)amine 438204-54-7P, [2-(2-Cyclohexylethylamino)quinazolin-4-yl] (5-cyclopropyl-1H-pyrazol-3-yl)amine 438204-55-8P 438204-56-9P 438204-57-0P, [2-(Benzothiazol-6-ylamino)quinazolin-4-yl] (5-cyclopropyl-1H-pyrazol-3-yl)amine 438204-58-1P, (5-Cyclopropyl-1H-pyrazol-3-yl) [2-(3,4-dimethylphenylamino)quinazolin-4-yl]amine 438204-59-2P, (5-Cyclopropyl-1H-pyrazol-3-yl) [2-(2-phenoxyethylamino)quinazolin-4-yl]amine 438204-60-5P 438204-62-7P 438204-63-8P, (5-Cyclopropyl-1H-pyrazol-3-yl) [2-(1H-indazol-5-ylamino)quinazolin-4-yl]amine 438204-64-9P 438204-65-0P 438204-66-1P, [2-(3-Carboxyphenylamino)quinazolin-4-yl] (5-cyclopropyl-1H-pyrazol-3-yl)amine 438204-67-2P, (5-Cyclopropyl-1H-pyrazol-3-yl) [2-(3-ethylphenylamino)quinazolin-4-yl]amine 438204-68-3P, (5-Cyclopropyl-1H-pyrazol-3-yl) [2-(2,3-dimethylphenylamino)quinazolin-4-yl]amine 438204-69-4P, (5-Cyclopropyl-1H-pyrazol-3-yl) [2-(3,4-dimethoxyphenylamino)quinazolin-4-yl]amine 438204-70-7P, (5-Cyclopropyl-1H-pyrazol-3-yl) [2-(3-methoxyphenylamino)quinazolin-4-yl]amine 438204-71-8P, (5-Methyl-1H-pyrazol-3-yl) (2-phenylamino-5,6,7,8-tetrahydroquinazolin-4-yl)amine 438204-72-9P, [2-(Biphenyl-3-ylamino)quinazolin-4-yl] (5-cyclopropyl-1H-pyrazol-3-yl)amine 438204-73-0P, (5-Cyclopropyl-1H-pyrazol-3-yl) [2-(3-phenylprop-1-ylamino)quinazolin-4-yl]amine 438204-74-1P, [2-(4-Acetamido-3-methylphenylamino)quinazolin-4-yl] (5-methyl-1H-pyrazol-3-yl)amine 438204-75-2P, (5-Cyclopropyl-1H-pyrazol-3-yl) [2-(indan-2-ylamino)quinazolin-4-yl]amine 438204-76-3P, [2-(3-Methylphenylamino)quinazolin-4-yl] (5-methyl-1H-pyrazol-3-yl)amine 438204-77-4P, [2-(2-Chloro-5-methylphenylamino)quinazolin-4-yl] (5-methyl-1H-pyrazol-3-yl)amine 438204-78-5P 438204-79-6P, [2-(Benzothiazol-6-ylamino)quinazolin-4-yl] (5-methyl-1H-pyrazol-3-yl)amine 438204-80-9P, [2-(3,4-Dimethylphenylamino)quinazolin-4-yl] (5-methyl-1H-pyrazol-3-yl)amine 438204-81-0P, [2-(3-Ethylphenylamino)quinazolin-4-yl] (5-methyl-1H-pyrazol-3-yl)amine 438204-82-1P, [2-(3-Methoxyphenylamino)quinazolin-4-yl] (5-methyl-1H-pyrazol-3-yl)amine 438204-83-2P, [2-(4-Acetamido-3-cyanophenylamino)quinazolin-4-yl] (5-methyl-1H-pyrazol-3-yl)amine 438204-84-3P, [2-(2-Methoxybiphenyl-5-ylamino)quinazolin-4-yl] (5-methyl-1H-pyrazol-3-yl)amine 438204-85-4P,

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438204-93-4P, [2-(4-Bromophenylamino)quinazolin-4-yl] (5-methyl-1H-pyrazol-3-yl)amine **438204-94-5P 438204-95-6P**,
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438205-05-1P, (5-Methyl-1H-pyrazol-3-yl) (2-phenylamino-6,7,8,9-tetrahydro-5H-cycloheptapyrimidin-4-yl)amine **438205-06-2P**,
 [2-(Benzimidazol-2-ylamino)-7-benzyl-5,6,7,8-tetrahydropyrido[3,4-d]pyrimidin-4-yl] (5-methyl-1H-pyrazol-3-yl)amine **438205-07-3P**,
 [7-Benzyl-2-phenylamino-5,6,7,8-tetrahydropyrido[3,4-d]pyrimidin-4-yl] (5-methyl-1H-pyrazol-3-yl)amine **438205-08-4P**, [6-Benzyl-2-(4-chlorophenylamino)-5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-4-yl] (5-methyl-1H-pyrazol-3-yl)amine **438205-09-5P**, [2-(Benzimidazol-2-ylamino)-6-benzyl-5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-4-yl] (5-methyl-1H-pyrazol-3-yl)amine **438205-10-8P**, [6-Benzyl-2-phenylamino-5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-4-yl] (5-methyl-1H-pyrazol-3-yl)amine **438205-11-9P**, (5-Methyl-1H-pyrazol-3-yl)-(2-phenylamino-5,6,7,8-tetrahydropyrido[3,4-d]pyrimidin-4-yl)amine
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(protein kinase inhibitor; prepn. of (pyrimidinylamino)pyrazoles as protein kinase inhibitors for treatment of cancer, diabetes, and Alzheimer's disease)

RN 438203-14-6 CAPLUS

CN 2,4-Quinazolin-2-amine, N2-(3-chlorophenyl)-N4-(5-methyl-1H-pyrazol-3-yl)-(9CI) (CA INDEX NAME)

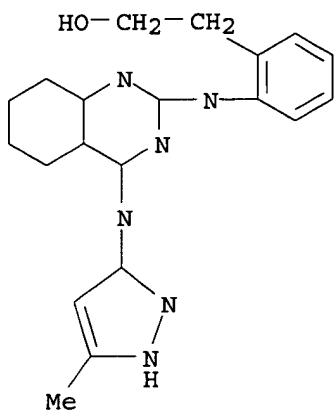


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-28-5 CAPLUS

CN Benzeneethanol, 2-[[4-[(5-methyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]- (9CI) (CA INDEX NAME)

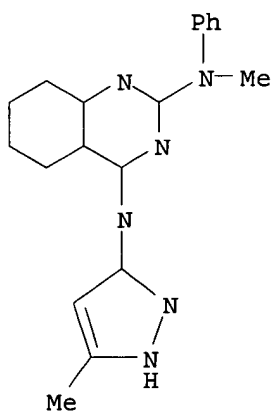
10/ 026,967



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-29-6 CAPLUS

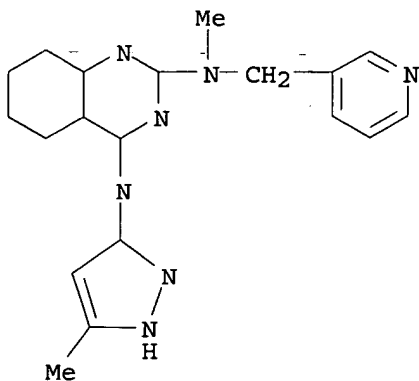
CN 2,4-Quinazolinediamine, N2-methyl-N4-(5-methyl-1H-pyrazol-3-yl)-N2-phenyl-
(9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-30-9 CAPLUS

CN 2,4-Quinazolinediamine, N2-methyl-N4-(5-methyl-1H-pyrazol-3-yl)-N2-(3-
pyridinylmethyl)- (9CI) (CA INDEX NAME)

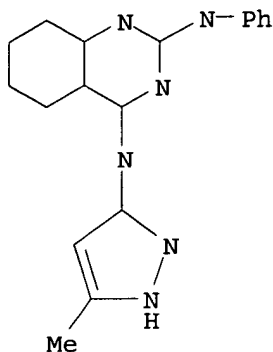


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

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RN 438204-31-0 CAPLUS

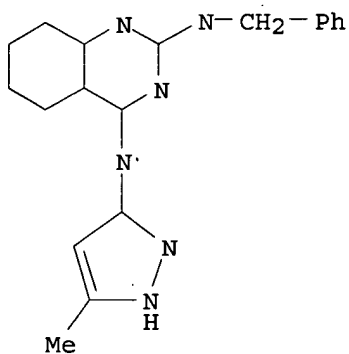
CN 2,4-Quinazolinediamine, N4-(5-methyl-1H-pyrazol-3-yl)-N2-phenyl- (9CI)
(CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-32-1 CAPLUS

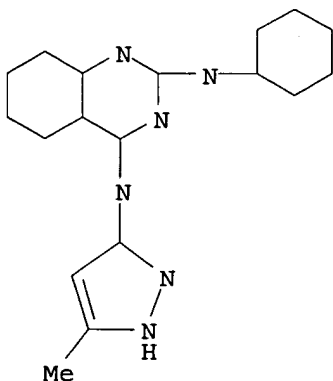
CN 2,4-Quinazolinediamine, N4-(5-methyl-1H-pyrazol-3-yl)-N2-(phenylmethyl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-33-2 CAPLUS

CN 2,4-Quinazolinediamine, N2-cyclohexyl-N4-(5-methyl-1H-pyrazol-3-yl)- (9CI)
(CA INDEX NAME)

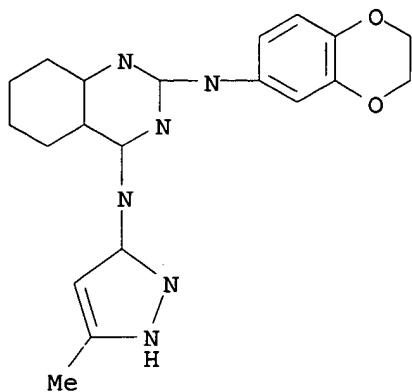


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*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-34-3 CAPLUS

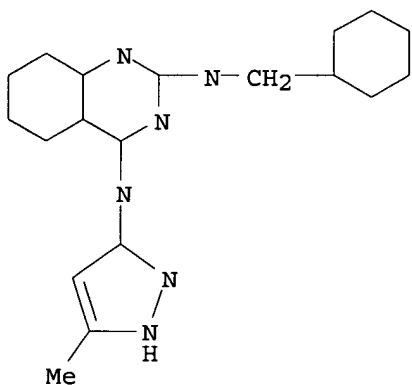
CN 2,4-Quinazolinediamine, N2-(2,3-dihydro-1,4-benzodioxin-6-yl)-N4-(5-methyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-35-4 CAPLUS

CN 2,4-Quinazolinediamine, N2-(cyclohexylmethyl)-N4-(5-methyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)

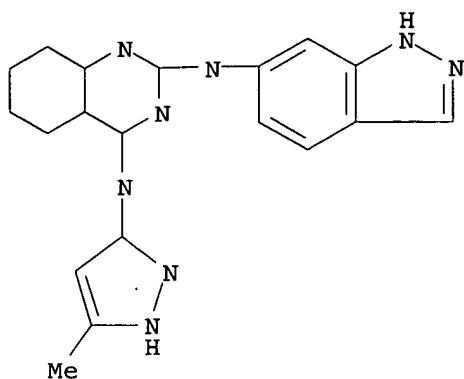


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-36-5 CAPLUS

CN 2,4-Quinazolinediamine, N2-1H-indazol-6-yl-N4-(5-methyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)

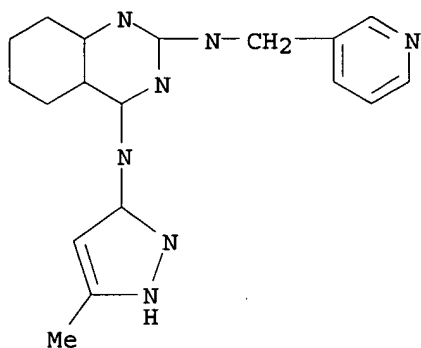
10/ 026,967



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-37-6 CAPLUS

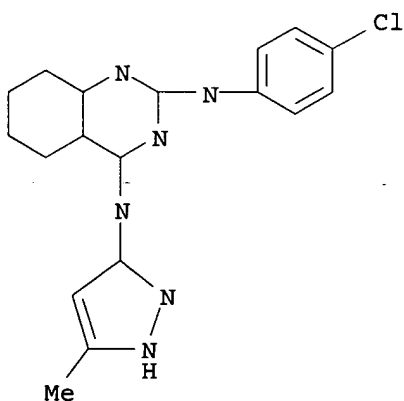
CN 2,4-Quinazolinediamine, N4-(5-methyl-1H-pyrazol-3-yl)-N2-(3-pyridinylmethyl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-38-7 CAPLUS

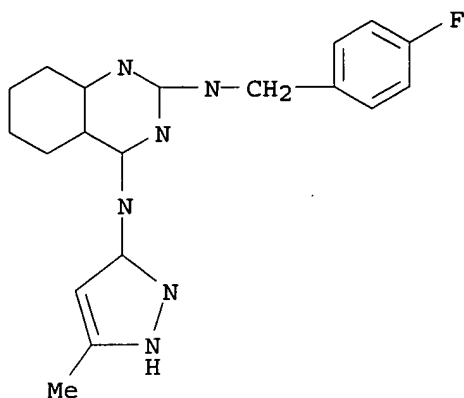
CN 2,4-Quinazolinediamine, N2-(4-chlorophenyl)-N4-(5-methyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-39-8 CAPLUS

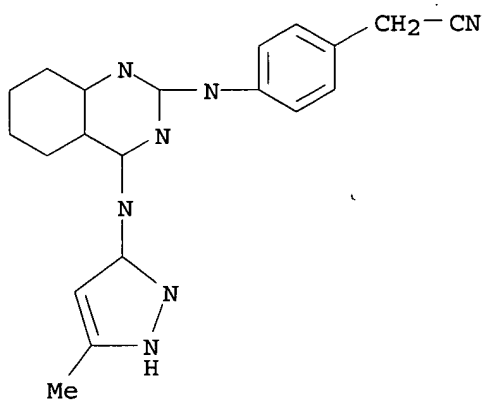
CN 2,4-Quinazolinediamine, N2-[(4-fluorophenyl)methyl]-N4-(5-methyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-40-1 CAPLUS

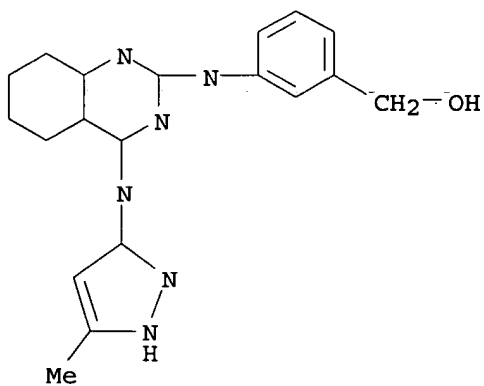
CN Benzenecetonitrile, 4-[[4-[(5-methyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-41-2 CAPLUS

CN Benzenemethanol, 3-[[4-[(5-methyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]- (9CI) (CA INDEX NAME)

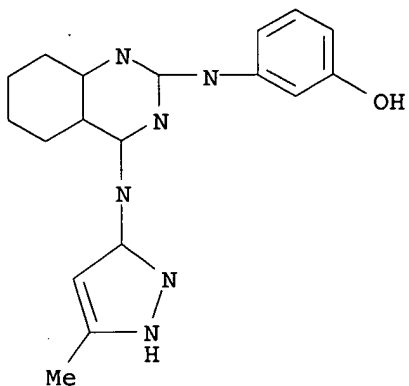


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-42-3 CAPLUS

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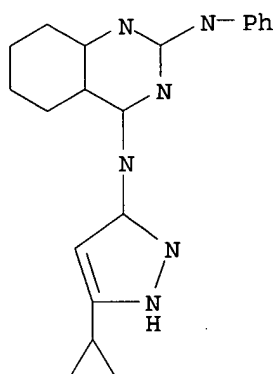
CN Phenol, 3-[[4-[(5-methyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]-
(9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-43-4 CAPLUS

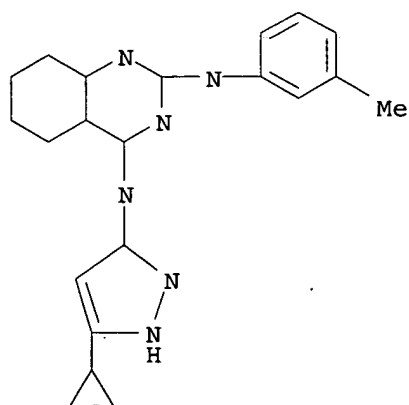
CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-phenyl-
(9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-44-5 CAPLUS

CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(3-methylphenyl)- (9CI) (CA INDEX NAME)

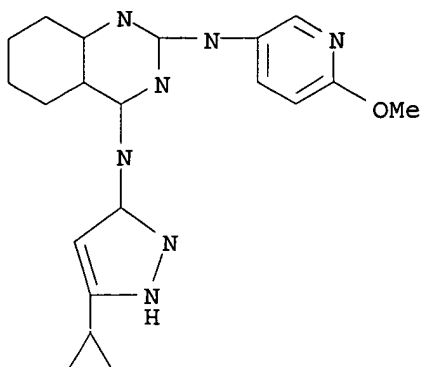


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*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-45-6 CAPLUS

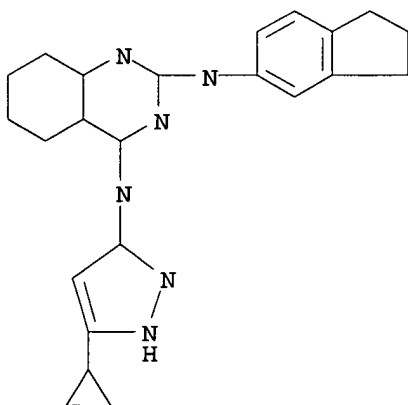
CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(6-methoxy-3-pyridinyl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-46-7 CAPLUS

CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(2,3-dihydro-1H-inden-5-yl)- (9CI) (CA INDEX NAME)

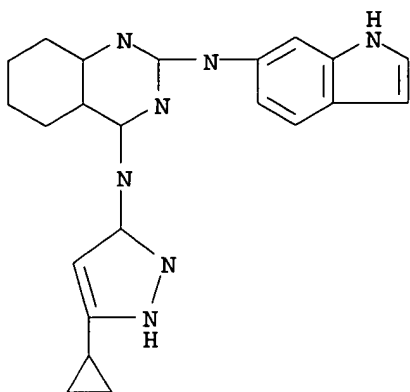


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-47-8 CAPLUS

CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-1H-indol-6-yl- (9CI) (CA INDEX NAME)

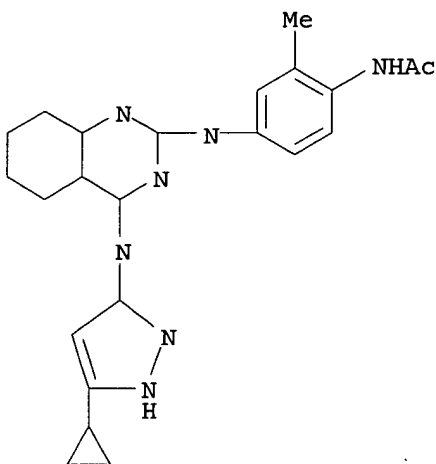
10/ 026,967



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-48-9 CAPLUS

CN Acetamide, N-[4-[[4-[(5-cyclopropyl-1H-pyrazol-3-yl)amino]-2-methylphenyl]-2-quinazolinyl]amino]- (9CI) (CA INDEX NAME)

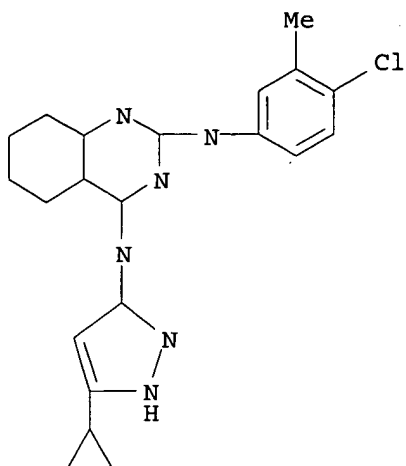


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-49-0 CAPLUS

CN 2,4-Quinazolinediamine, N2-(4-chloro-3-methylphenyl)-N4-(5-cyclopropyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)

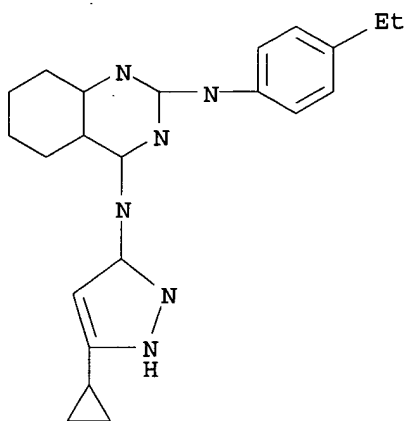
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*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-50-3 CAPLUS

CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(4-ethylphenyl)- (9CI) (CA INDEX NAME)

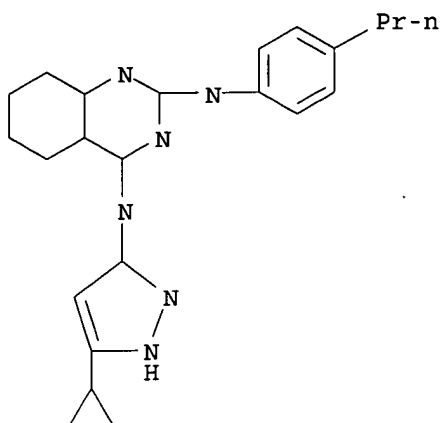


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-51-4 CAPLUS

CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(4-propylphenyl)- (9CI) (CA INDEX NAME)

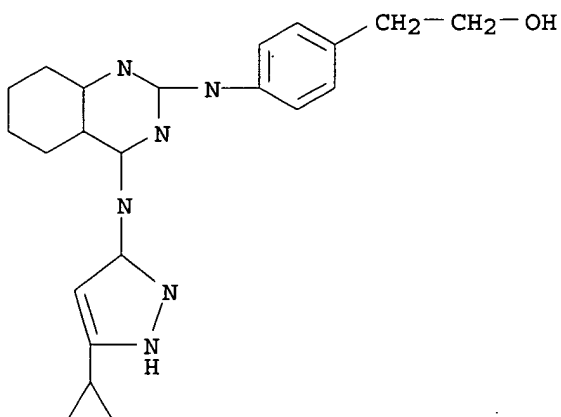
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*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-52-5 CAPLUS

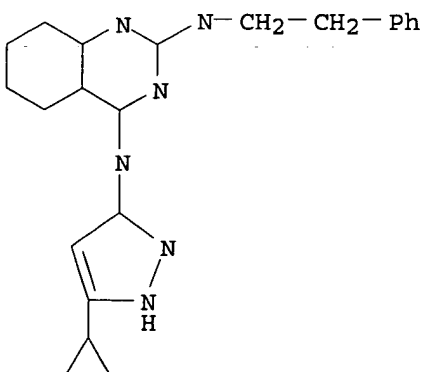
CN Benzeneethanol, 4-[[4-[(5-cyclopropyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-53-6 CAPLUS

CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(2-phenylethyl)- (9CI) (CA INDEX NAME)

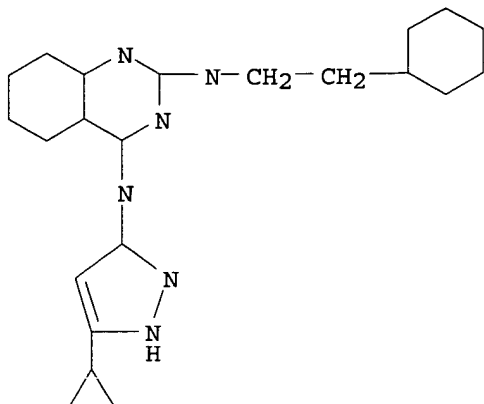


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

10/ 026,967

RN 438204-54-7 CAPLUS

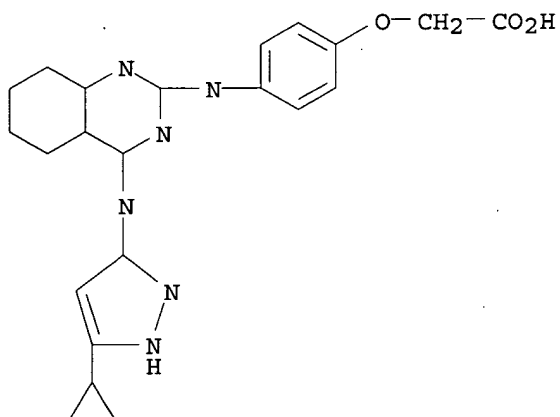
CN 2,4-Quinazolinediamine, N2-(2-cyclohexylethyl)-N4-(5-cyclopropyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-55-8 CAPLUS

CN Acetic acid, [4-[[4-[(5-cyclopropyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]phenoxy]- (9CI) (CA INDEX NAME)

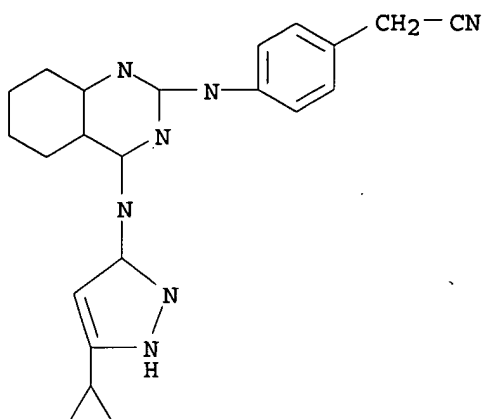


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-56-9 CAPLUS

CN Benzeneacetonitrile, 4-[[4-[(5-cyclopropyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]- (9CI) (CA INDEX NAME)

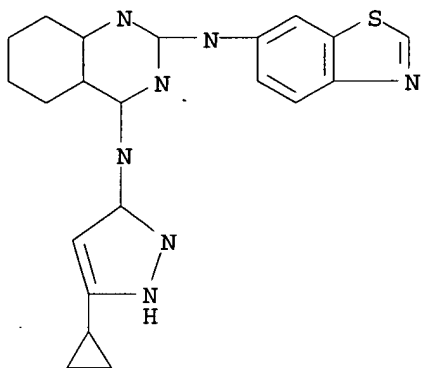
10/ 026,967



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-57-0 CAPLUS

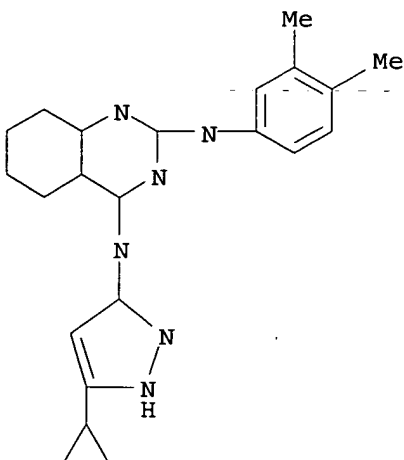
CN 2,4-Quinazolinediamine, N2-6-benzothiazolyl-N4-(5-cyclopropyl-1H-pyrazol-3-yl) - (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-58-1 CAPLUS

CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl) -N2-(3,4-dimethylphenyl) - (9CI) (CA INDEX NAME)

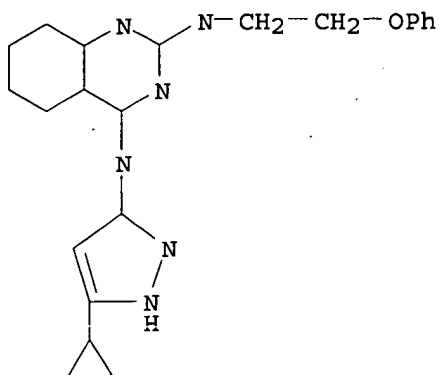


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*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-59-2 CAPLUS

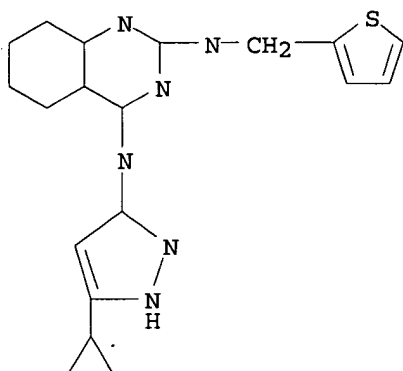
CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(2-phenoxyethyl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-60-5 CAPLUS

CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(2-thienylmethyl)- (9CI) (CA INDEX NAME)

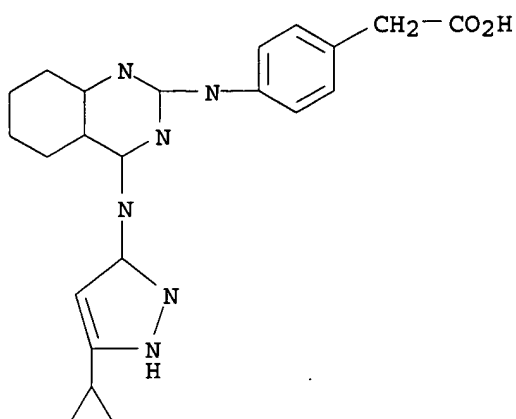


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-62-7 CAPLUS

CN Benzeneacetic acid, 4-[[4-[(5-cyclopropyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]- (9CI) (CA INDEX NAME)

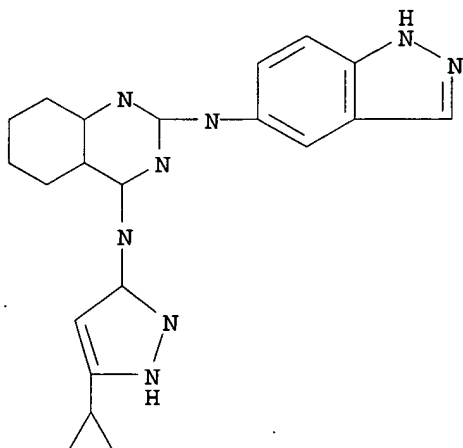
10/ 026,967



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-63-8 CAPLUS

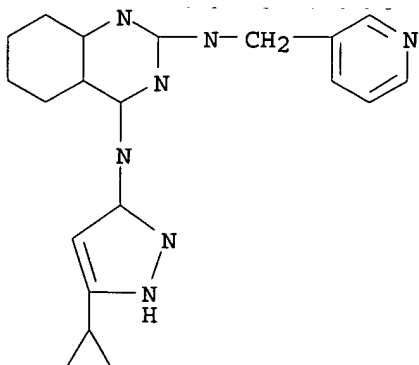
CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-1H-indazol-5-yl- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-64-9 CAPLUS

CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(3-pyridinylmethyl)- (9CI) (CA INDEX NAME)

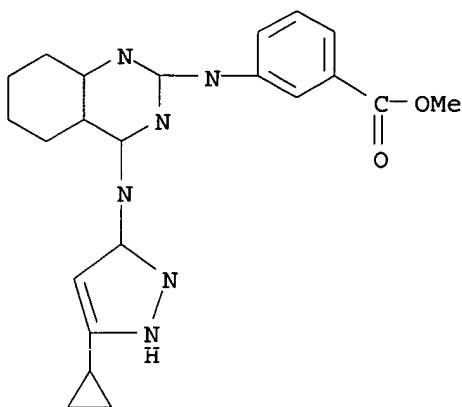


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*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-65-0 CAPLUS

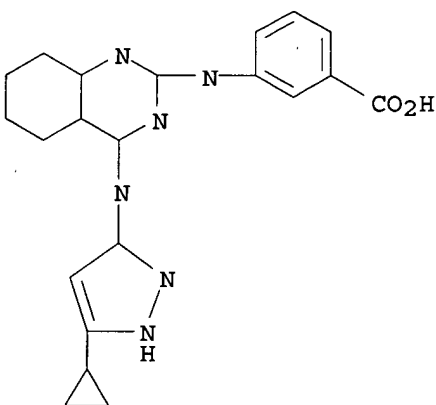
CN Benzoic acid, 3-[[4-[(5-cyclopropyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]-, methyl ester (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-66-1 CAPLUS

CN Benzoic acid, 3-[[4-[(5-cyclopropyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]- (9CI) (CA INDEX NAME)

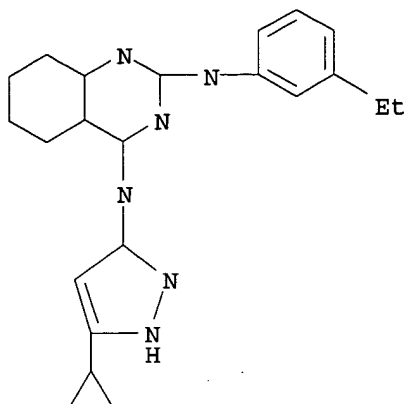


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-67-2 CAPLUS

CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(3-ethylphenyl)- (9CI) (CA INDEX NAME)

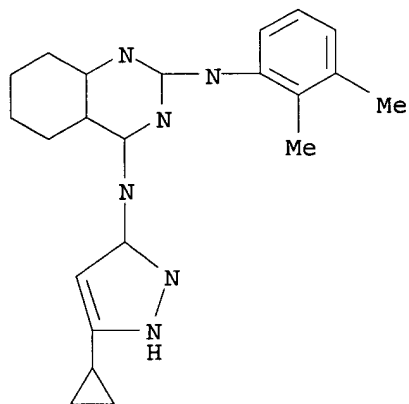
10/ 026,967



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-68-3 CAPLUS

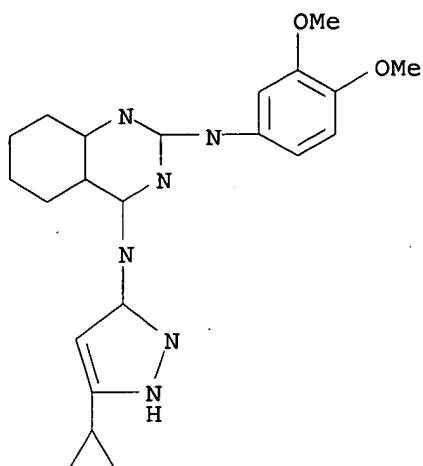
CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(2,3-dimethylphenyl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-69-4 CAPLUS

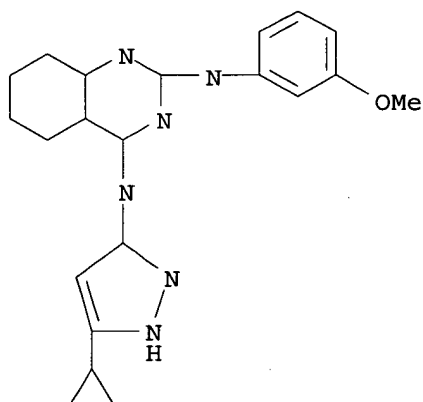
CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(3,4-dimethoxyphenyl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-70-7 CAPLUS

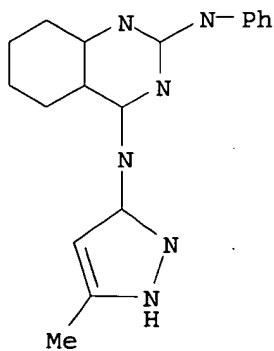
CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(3-methoxyphenyl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-71-8 CAPLUS

CN 2,4-Quinazolinediamine, 5,6,7,8-tetrahydro-N4-(5-methyl-1H-pyrazol-3-yl)-N2-phenyl- (9CI) (CA INDEX NAME)

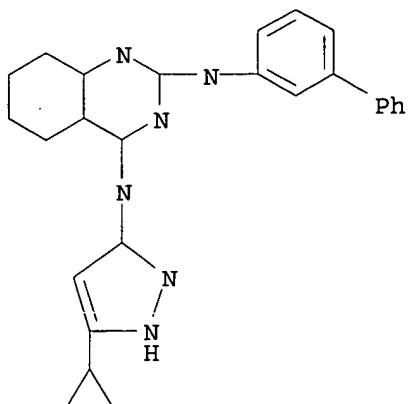


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*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-72-9 CAPLUS

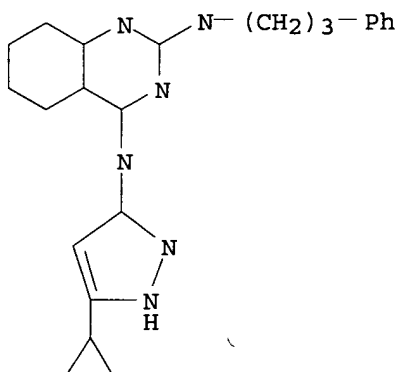
CN 2,4-Quinazolinediamine, N2-[1,1'-biphenyl]-3-yl-N4-(5-cyclopropyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-73-0 CAPLUS

CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(3-phenylpropyl)- (9CI) (CA INDEX NAME)

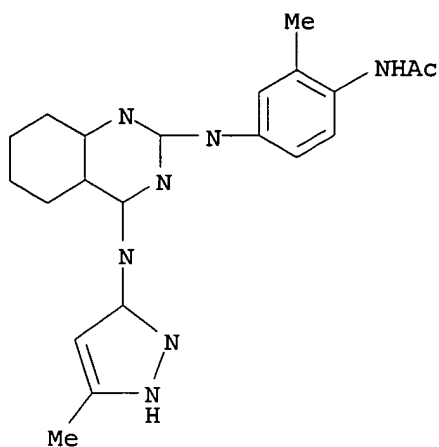


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-74-1 CAPLUS

CN Acetamide, N-[2-methyl-4-[[4-[(5-methyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]phenyl]- (9CI) (CA INDEX NAME)

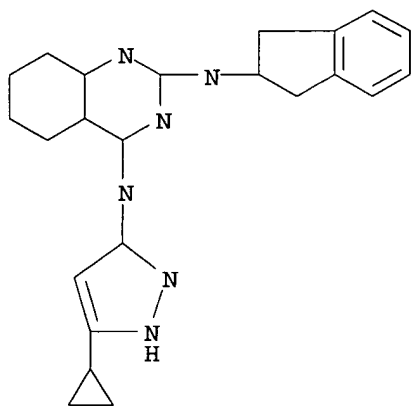
10/ 026,967



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-75-2 CAPLUS

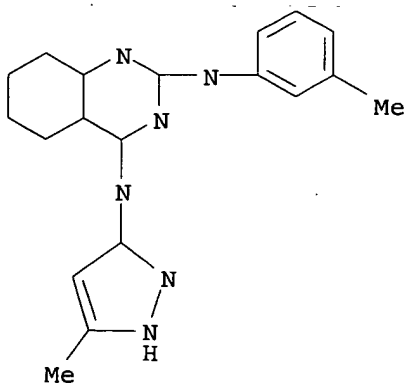
CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(2,3-dihydro-1H-inden-2-yl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-76-3 CAPLUS

CN 2,4-Quinazolinediamine, N2-(3-methylphenyl)-N4-(5-methyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)

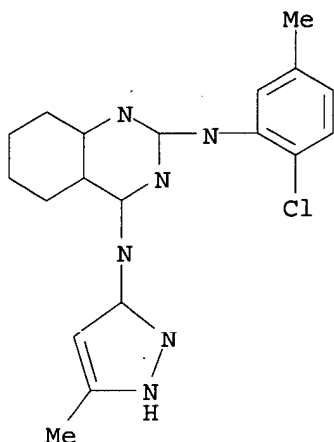


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*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-77-4 CAPLUS

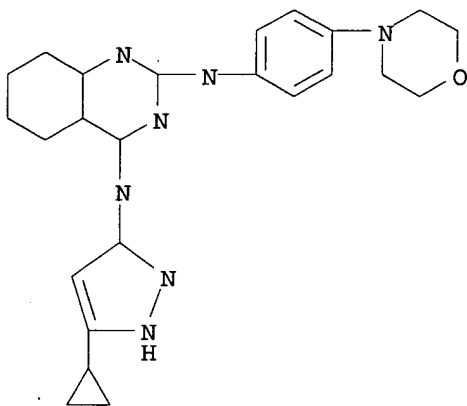
CN 2,4-Quinazolinediamine, N2-(2-chloro-5-methylphenyl)-N4-(5-methyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-78-5 CAPLUS

CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-[4-(4-morpholinyl)phenyl]- (9CI) (CA INDEX NAME)

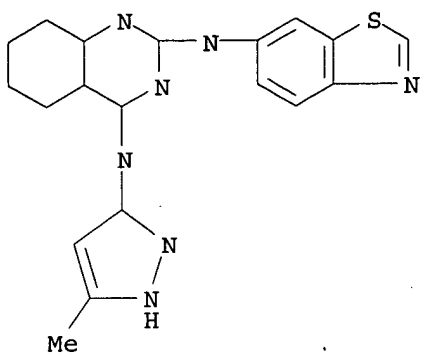


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-79-6 CAPLUS

CN 2,4-Quinazolinediamine, N2-6-benzothiazolyl-N4-(5-methyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)

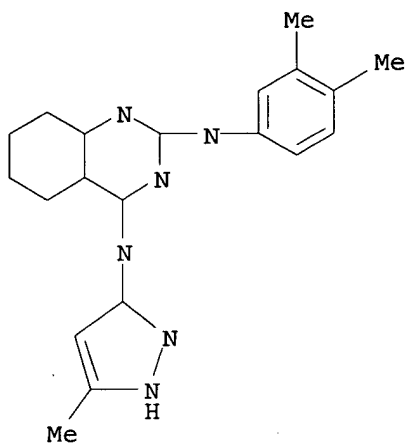
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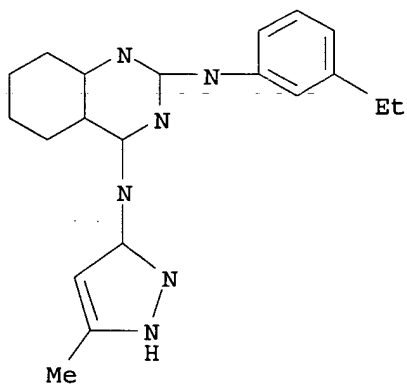
CN 2,4-Quinazolinediamine, N2-(3,4-dimethylphenyl)-N4-(5-methyl-1H-pyrazol-3-yl)-(9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-81-0 CAPLUS

CN 2,4-Quinazolinediamine, N2-(3-ethylphenyl)-N4-(5-methyl-1H-pyrazol-3-yl)-(9CI) (CA INDEX NAME)

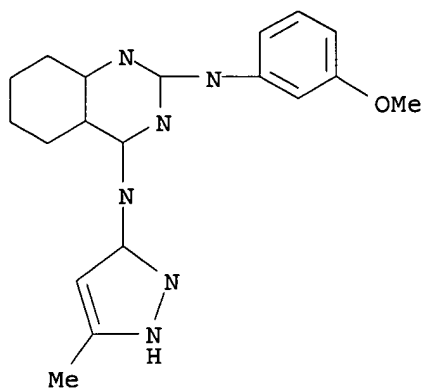


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-82-1 CAPLUS

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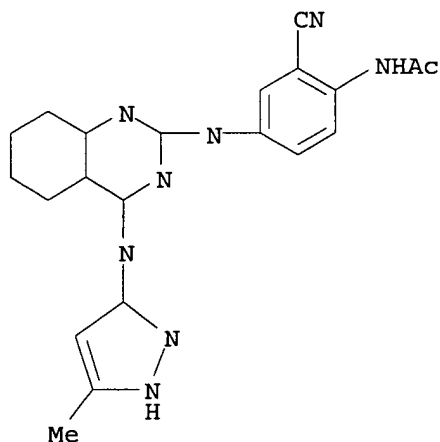
CN 2,4-Quinazolinediamine, N2-(3-methoxyphenyl)-N4-(5-methyl-1H-pyrazol-3-yl)-
(9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-83-2 CAPLUS

CN Acetamide, N-[2-cyano-4-[[4-[(5-methyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]phenyl]- (9CI) (CA INDEX NAME)

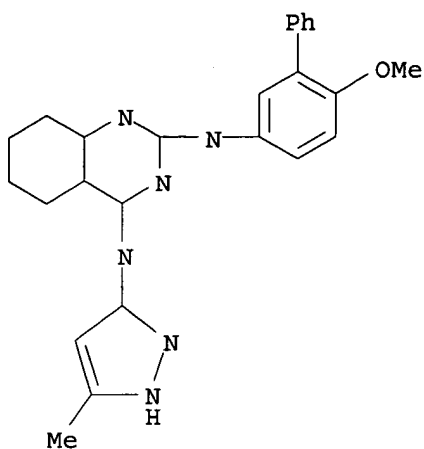


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-84-3 CAPLUS

CN 2,4-Quinazolinediamine, N2-(6-methoxy[1,1'-biphenyl]-3-yl)-N4-(5-methyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)

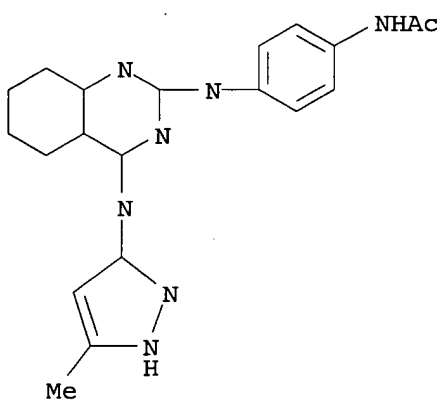
10/ 026,967



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

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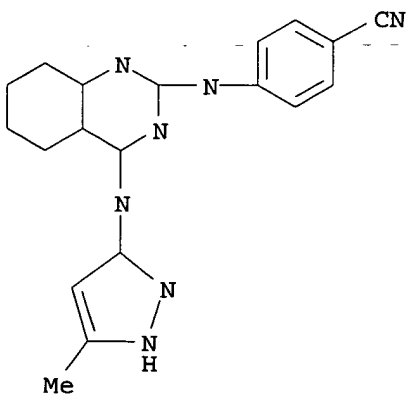
CN Acetamide, N-[4-[[4-[(5-methyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]phenyl]- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-87-6 CAPLUS

CN Benzonitrile, 4-[[4-[(5-methyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]- (9CI) (CA INDEX NAME)

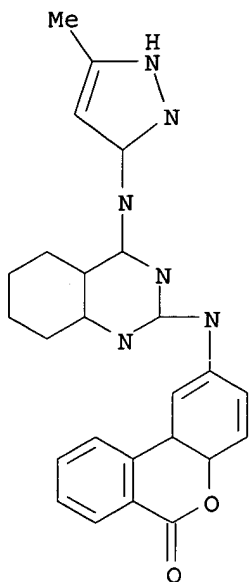


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*** FRAGMENT DIAGRAM IS INCOMPLETE ***

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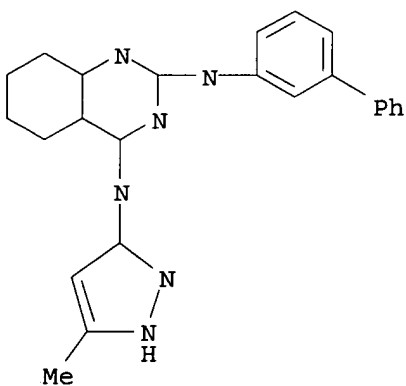
CN 6H-Dibenzo[b,d]pyran-6-one, 4a,10b-dihydro-2-[[4-[(5-methyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-89-8 CAPLUS

CN 2,4-Quinazolinediamine, N2-[1,1'-biphenyl]-3-yl-N4-(5-methyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)

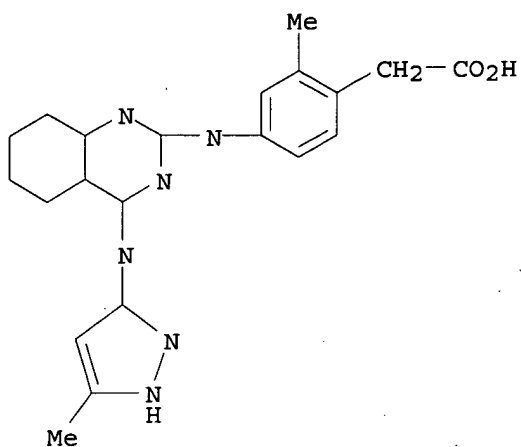


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-91-2 CAPLUS

CN Benzeneacetic acid, 2-methyl-4-[[4-[(5-methyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]- (9CI) (CA INDEX NAME)

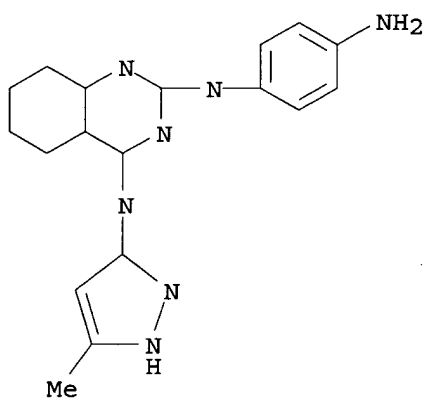
10/ 026,967



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-92-3 CAPLUS

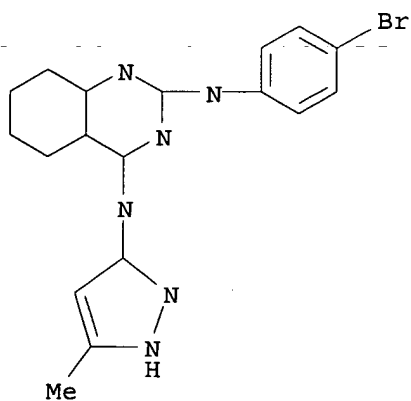
CN 2,4-Quinazolinediamine, N2-(4-aminophenyl)-N4-(5-methyl-1H-pyrazol-3-yl)-
(9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-93-4 CAPLUS

CN 2,4-Quinazolinediamine, N2-(4-bromophenyl)-N4-(5-methyl-1H-pyrazol-3-yl)-
(9CI) (CA INDEX NAME)

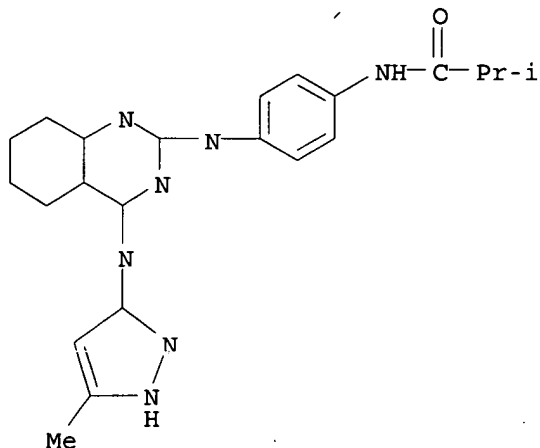


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*** FRAGMENT DIAGRAM IS INCOMPLETE ***

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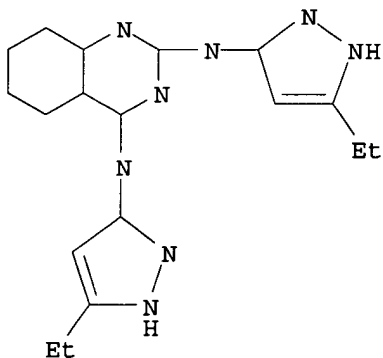
CN Propanamide, 2-methyl-N-[4-[[4-[(5-methyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]phenyl]- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-95-6 CAPLUS

CN 2,4-Quinazolinediamine, N,N'-bis(5-ethyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)

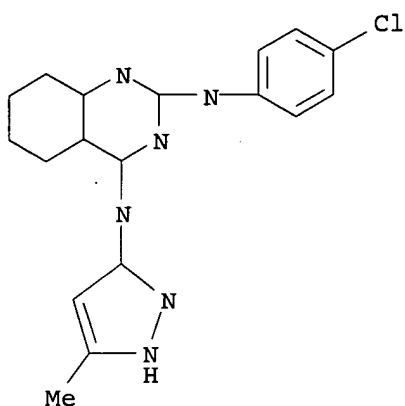


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438205-04-0 CAPLUS

CN 2,4-Quinazolinediamine, N2-(4-chlorophenyl)-5,6,7,8-tetrahydro-N4-(5-methyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)

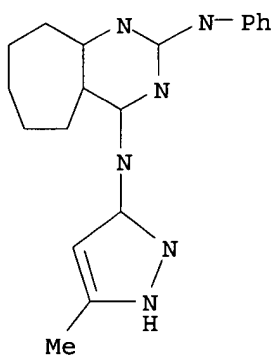
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*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438205-05-1 CAPLUS

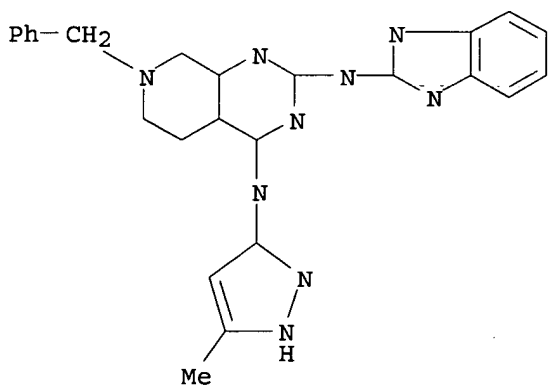
CN 5H-Cycloheptapyrimidine-2,4-diamine, 6,7,8,9-tetrahydro-N4-(5-methyl-1H-pyrazol-3-yl)-N2-phenyl- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438205-06-2 CAPLUS

CN Pyrido[3,4-d]pyrimidine-2,4-diamine, N2-1H-benzimidazol-2-yl-5,6,7,8-tetrahydro-N4-(5-methyl-1H-pyrazol-3-yl)-7-(phenylmethyl)- (9CI) (CA INDEX NAME)

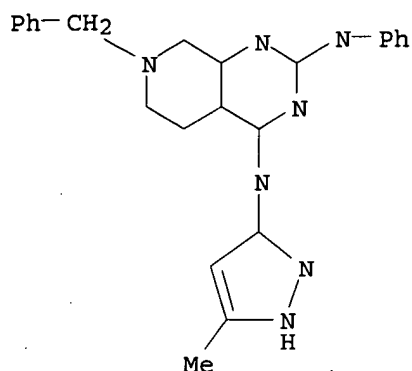


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438205-07-3 CAPLUS

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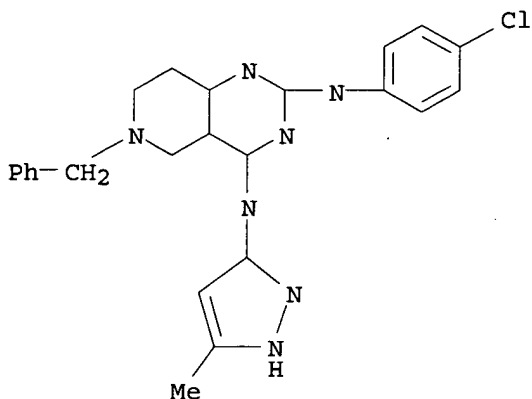
CN Pyrido[3,4-d]pyrimidine-2,4-diamine, 5,6,7,8-tetrahydro-N4-(5-methyl-1H-pyrazol-3-yl)-N2-phenyl-7-(phenylmethyl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438205-08-4 CAPLUS

CN Pyrido[4,3-d]pyrimidine-2,4-diamine, N2-(4-chlorophenyl)-5,6,7,8-tetrahydro-N4-(5-methyl-1H-pyrazol-3-yl)-6-(phenylmethyl)- (9CI) (CA INDEX NAME)

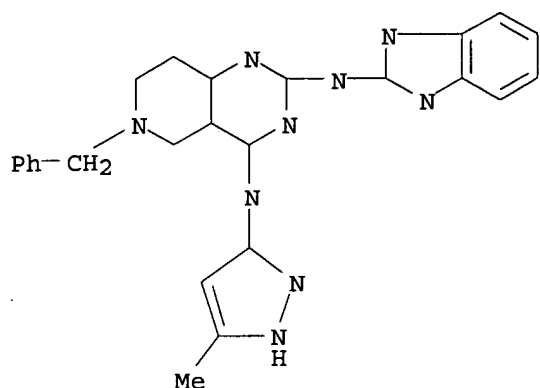


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438205-09-5 CAPLUS

CN Pyrido[4,3-d]pyrimidine-2,4-diamine, N2-1H-benzimidazol-2-yl-5,6,7,8-tetrahydro-N4-(5-methyl-1H-pyrazol-3-yl)-6-(phenylmethyl)- (9CI) (CA INDEX NAME)

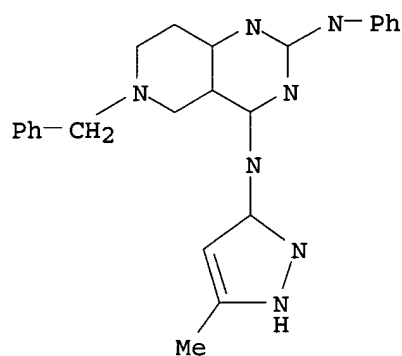
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*** FRAGMENT DIAGRAM IS INCOMPLETE ***

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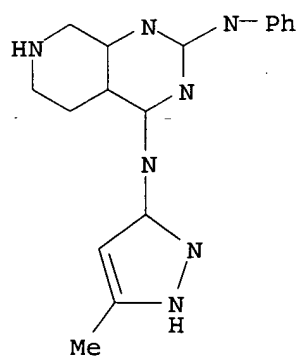
CN Pyrido[4,3-d]pyrimidine-2,4-diamine, 5,6,7,8-tetrahydro-N4-(5-methyl-1H-pyrazol-3-yl)-N2-phenyl-6-(phenylmethyl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438205-11-9 CAPLUS

CN Pyrido[3,4-d]pyrimidine-2,4-diamine, 5,6,7,8-tetrahydro-N4-(5-methyl-1H-pyrazol-3-yl)-N2-phenyl- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

REFERENCE COUNT:

3

THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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L3 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2002:575069 CAPLUS

DOCUMENT NUMBER: 137:109292

TITLE: Preparation of 3-(4-pyrimidinylamino)-1H-pyrazoles as protein kinase inhibitors, especially of Aurora-2 and GSK-3, for treatment of cancer, diabetes, and Alzheimer's disease

INVENTOR(S): Bebbington, David; Charrier, Jean-Damien; Davies, Robert; Golec, Julian; Kay, David; Knegtel, Ronald; Patel, Sanjay

PATENT ASSIGNEE(S): Vertex Pharmaceuticals Incorporated, USA

SOURCE: PCT Int. Appl., 337 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 14

PATENT INFORMATION:

D.I.T.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002059111	A2	20020801	WO 2001-US51120	20011219
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
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US 2003036543	A1	20030220	US 2001-25164	20011219
US 2003055068	A1	20030320	US 2001-26967	20011219
US 2003078275	A1	20030424	US 2001-27001	20011219
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PRIORITY APPLN. INFO.:

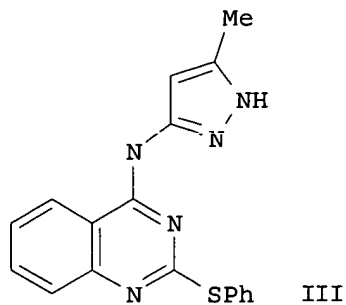
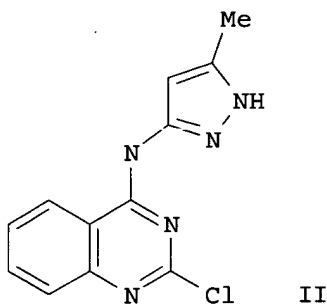
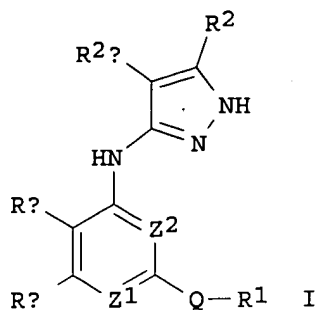
US 2000-257887P P 20001221

US 2001-286949P P 20010427

OTHER SOURCE(S): MARPAT 137:109292

GI

same priority date



AB Title compds. I [wherein Z1 = N or CR8; Z2 = N or CH; and at least 1 of Z1 and Z2 = N; Rx and Ry = independently TR3 or LZR3; or C2RxRy = (un)substituted fused (hetero)cycle; Q = NR4, O, S, C(6a)2, 1,2-cyclo(prop/but)anediyl, or 1,3-cyclobutanediyl; R1 = TD; D = (un)substituted mono- or bicyclic (hetero)aryl, heterocyclyl, or carbocyclyl; T = a bond or alkylidene chain (un)interrupted by O, S, NR4, CO, CONH, NHCO, SO2, SO2NH, NHSO2, CO2, OCO, OCONH, or NHCO2, with provisos; Z = alkylidene chain; L = O, S, SO, SO2, NR6SO2, SO2NR6, NR6, NR6CO, NR6CO2, NR6CONR6, NR6SO2NR6, NR6NR6, OCONR6, or W; R2 and R2a = independently R, TWR6, or C2R2R2a = (un)substituted fused (hetero)cycle; R3 = R, halo, OR, COR, CO2R, CO(CH2)0-1COR, NO2, CN, SO0-2R, N(R4)2, carbamoyl, sulfamoyl, OCOR, acylamino, hydrazino, ureido, etc.; R = independently H or (un)substituted aliph., (hetero)aryl, or heterocyclyl; R4 = independently R7, COR7, carboxy, CON(R7)2, or SO2R7; W = CO, CO2, CONR6, C(R6)2O, C(R6)2SO0-2, C(R6)2SO2NR6, C(R6)2NR6, C(R6)2NR6CO, C(R6)2NR6CO2, CR6:NR6, CR6:NO, C(R6)2NR6NR6, C(R6)2NR6SO2NR6, or C(R6)2NR6CONR6; R6, R6a, R7 = independently H or aliph.; or N(R6)2 or N(R7)2 = independently heterocyclyl or heteroaryl; or C(R6a)2 = carbocycle; R8 = R, halo, OR, COR, CO2R, COCOR, NO2, CN, SO0-2R, N(R4)2, CON(R4)2, SO2(R4)2, OCOR, NR4COR, NR4CO2(aliph.), NR4N(R4)2, C:NN(R4)2, C:NOR, NR4CO(R4)2, NR4SO2N(R4)2, NR4SO2R, or OCON(R4)2] were prepd. I are protein kinase inhibitors, esp. of Aurora-2 and GSK-3. For example, the (pyrazolylamino)quinazoline II was refluxed with thiophenol in t-BuOH to give III. In bioassays, I inhibited the following kinases with Ki values reported < 20 .mu.M: GSK-3.beta. (232 compds.), AURORA-2 (227 compds.), CDK-2 (13 compds.), ERK2 (8 compds.), AKT (10 compds.), and Human Src kinase (183 compds.). I are useful for the treatment of diseases assocd. with protein kinases, such as diabetes, cancer, and Alzheimer's disease (no data).

IT 438204-86-5P 438204-90-1P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

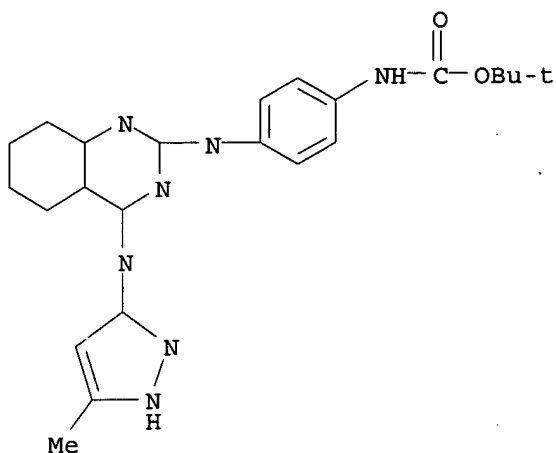
(protein kinase inhibitor; prepn. of (pyrimidinylamino)pyrazoles as protein kinase inhibitors for treatment of cancer, diabetes, and

10/ 026,967

Alzheimer's disease)

RN 438204-86-5 CAPLUS

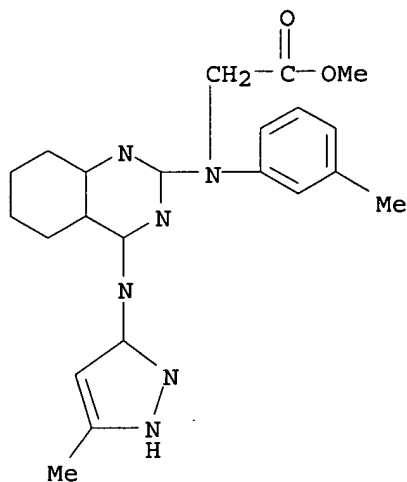
CN Carbamic acid, [4-[[4-[(5-methyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-90-1 CAPLUS

CN Glycine, N-(3-methylphenyl)-N-[4-[(5-methyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]-, methyl ester (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

IT 438203-14-6P 438204-28-5P 438204-29-6P
438204-30-9P 438204-31-0P 438204-32-1P
438204-33-2P 438204-34-3P 438204-35-4P
438204-36-5P 438204-37-6P 438204-38-7P
438204-39-8P 438204-40-1P 438204-41-2P
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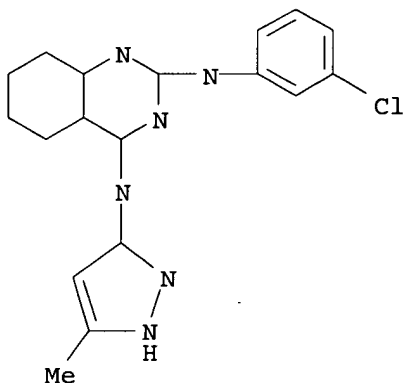
438204-64-9P 438204-65-0P 438204-66-1P
 438204-67-2P 438204-68-3P 438204-69-4P
 438204-70-7P 438204-71-8P 438204-72-9P
 438204-73-0P 438204-74-1P 438204-75-2P
 438204-76-3P 438204-77-4P 438204-78-5P
 438204-79-6P 438204-80-9P 438204-81-0P
 438204-82-1P 438204-83-2P 438204-84-3P
 438204-85-4P 438204-87-6P 438204-88-7P
 438204-89-8P 438204-91-2P 438204-92-3P
 438204-93-4P 438204-94-5P 438204-95-6P
 438205-04-0P 438205-05-1P 438205-06-2P
 438205-07-3P 438205-08-4P 438205-09-5P
 438205-10-8P 438205-11-9P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
 (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
 (Uses)

(protein kinase inhibitor; prepn. of (pyrimidinylamino)pyrazoles as
 protein kinase inhibitors for treatment of cancer, diabetes, and
 Alzheimer's disease)

RN 438203-14-6 CAPLUS

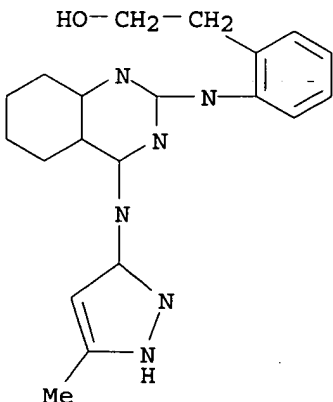
CN 2,4-Quinazolinediamine, N2-(3-chlorophenyl)-N4-(5-methyl-1H-pyrazol-3-yl)-
 (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-28-5 CAPLUS

CN Benzeneethanol, 2-[[4-[(5-methyl-1H-pyrazol-3-yl)amino]-2-
 quinazolinyl]amino]- (9CI) (CA INDEX NAME)

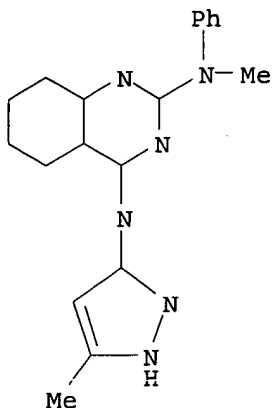


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

10/ 026,967

RN 438204-29-6 CAPLUS

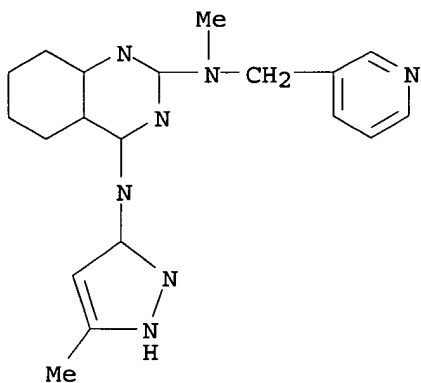
CN 2,4-Quinazolinediamine, N2-methyl-N4-(5-methyl-1H-pyrazol-3-yl)-N2-phenyl-
(9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-30-9 CAPLUS

CN 2,4-Quinazolinediamine, N2-methyl-N4-(5-methyl-1H-pyrazol-3-yl)-N2-(3-pyridinylmethyl)- (9CI) (CA INDEX NAME)

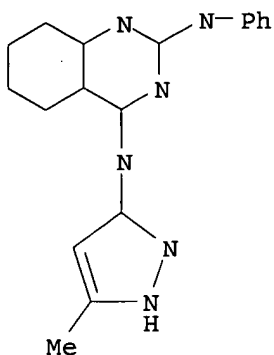


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-31-0 CAPLUS

CN 2,4-Quinazolinediamine, N4-(5-methyl-1H-pyrazol-3-yl)-N2-phenyl- (9CI)
(CA INDEX NAME)

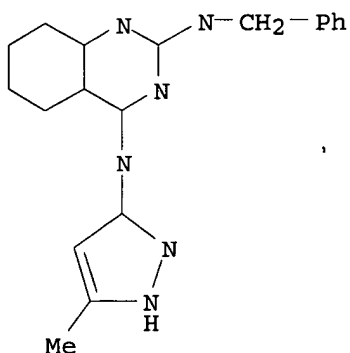
10/ 026,967



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-32-1 CAPLUS

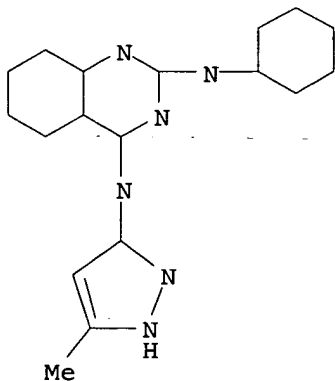
CN 2,4-Quinazolinediamine, N4-(5-methyl-1H-pyrazol-3-yl)-N2-(phenylmethyl)-
(9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-33-2 CAPLUS

CN 2,4-Quinazolinediamine, N2-cyclohexyl-N4-(5-methyl-1H-pyrazol-3-yl)- (9CI)
(CA INDEX NAME)

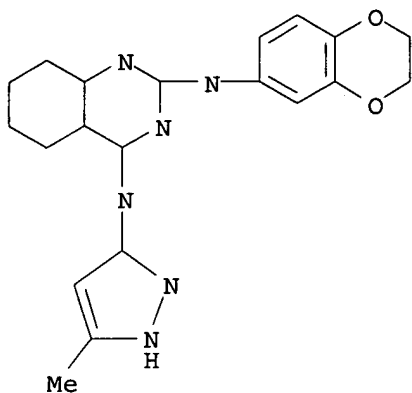


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-34-3 CAPLUS

CN 2,4-Quinazolinediamine, N2-(2,3-dihydro-1,4-benzodioxin-6-yl)-N4-(5-methyl-
1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)

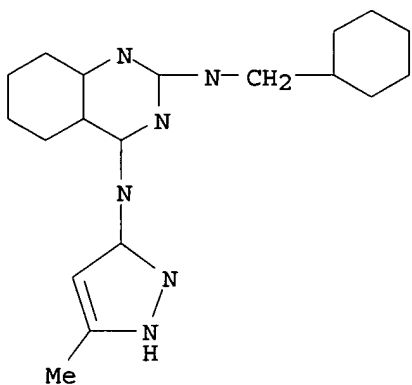
10/ 026,967



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-35-4 CAPLUS

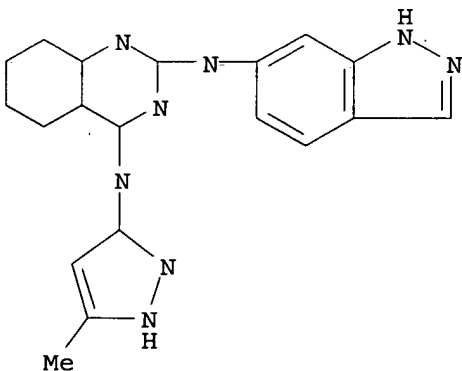
CN 2,4-Quinazolinediamine, N2-(cyclohexylmethyl)-N4-(5-methyl-1H-pyrazol-3-yl)-(9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-36-5 CAPLUS

CN 2,4-Quinazolinediamine, N2-1H-indazol-6-yl-N4-(5-methyl-1H-pyrazol-3-yl)-(9CI) (CA INDEX NAME)

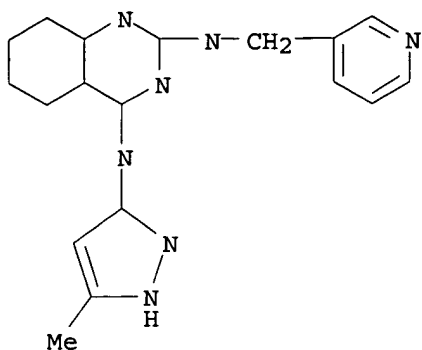


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-37-6 CAPLUS

10/ 026,967

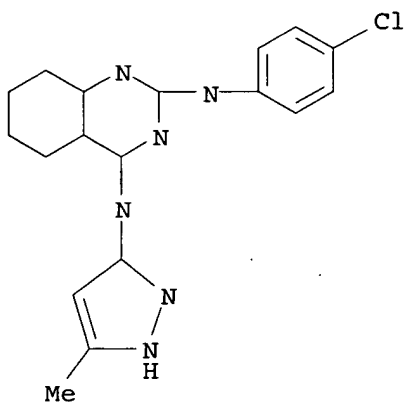
CN 2,4-Quinazolinediamine, N4-(5-methyl-1H-pyrazol-3-yl)-N2-(3-pyridinylmethyl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-38-7 CAPLUS

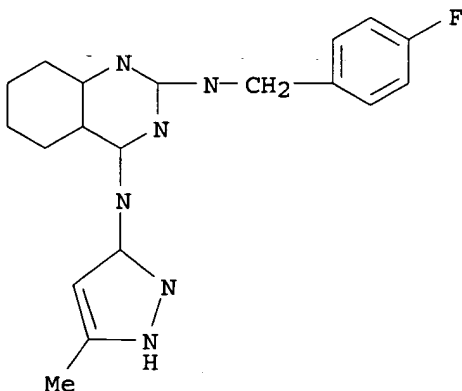
CN 2,4-Quinazolinediamine, N2-(4-chlorophenyl)-N4-(5-methyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-39-8 CAPLUS

CN 2,4-Quinazolinediamine, N2-[(4-fluorophenyl)methyl]-N4-(5-methyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)

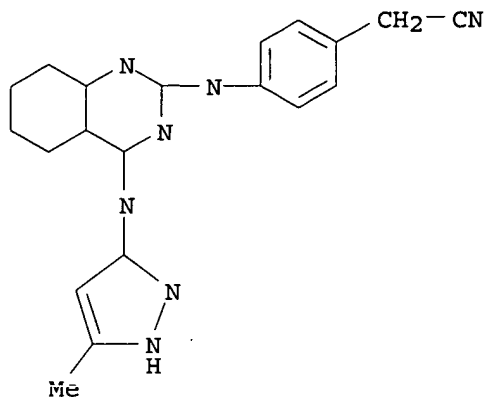


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

10/ 026,967

RN 438204-40-1 CAPLUS

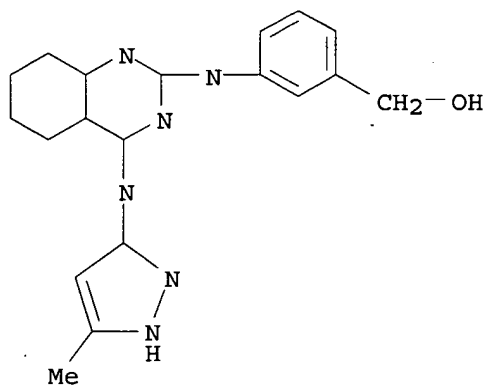
CN Benzenecetonitrile, 4-[[4-[(5-methyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-41-2 CAPLUS

CN Benzenemethanol, 3-[[4-[(5-methyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]- (9CI) (CA INDEX NAME)

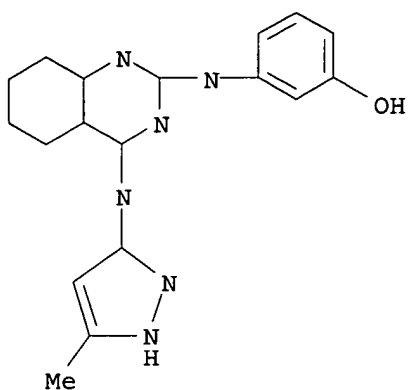


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-42-3 CAPLUS

CN Phenol, 3-[[4-[(5-methyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]- (9CI) (CA INDEX NAME)

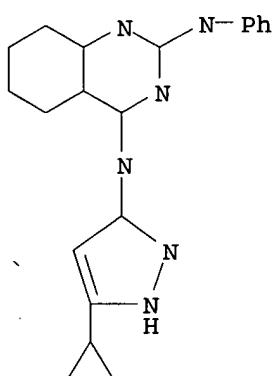
10/ 026,967



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-43-4 CAPLUS

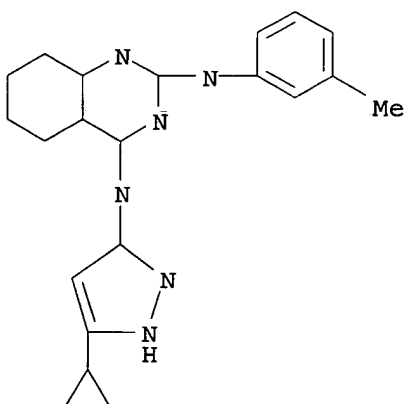
CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-phenyl-
(9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-44-5 CAPLUS

CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(3-methylphenyl)- (9CI) (CA INDEX NAME)

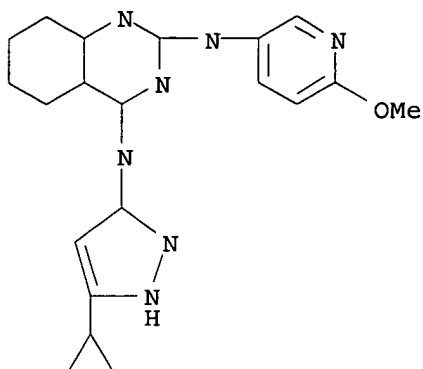


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-45-6 CAPLUS

10/ 026,967

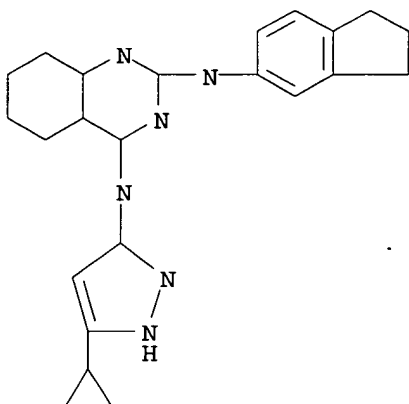
CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(6-methoxy-3-pyridinyl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-46-7 CAPLUS

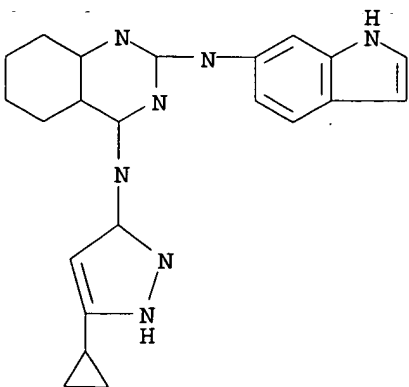
CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(2,3-dihydro-1H-inden-5-yl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-47-8 CAPLUS

CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-1H-indol-6-yl- (9CI) (CA INDEX NAME)

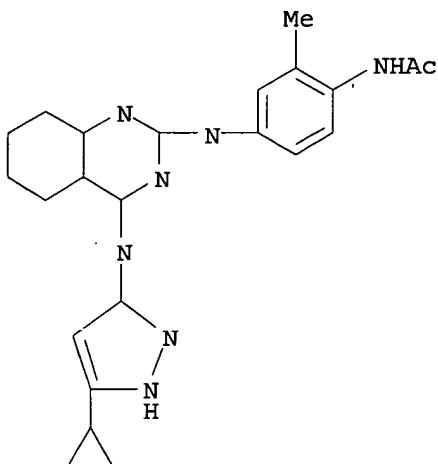


10/ 026,967

*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-48-9 CAPLUS

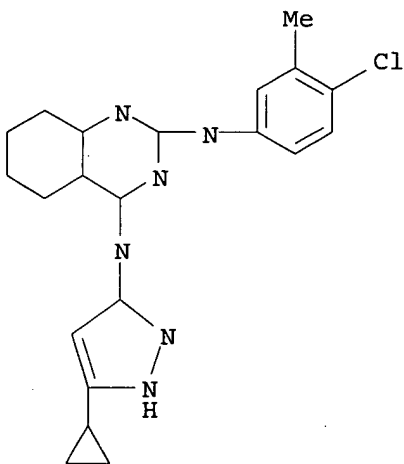
CN Acetamide, N-[4-[[4-[(5-cyclopropyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]-2-methylphenyl]- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-49-0 CAPLUS

CN 2,4-Quinazolinediamine, N2-(4-chloro-3-methylphenyl)-N4-(5-cyclopropyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)

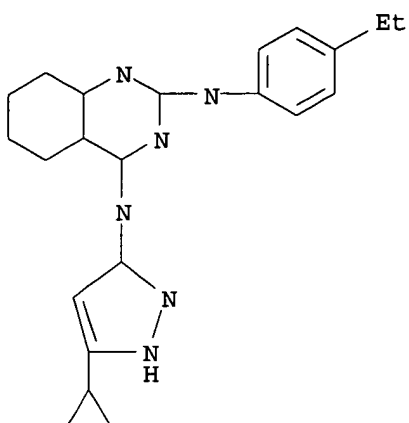


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-50-3 CAPLUS

CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(4-ethylphenyl)- (9CI) (CA INDEX NAME)

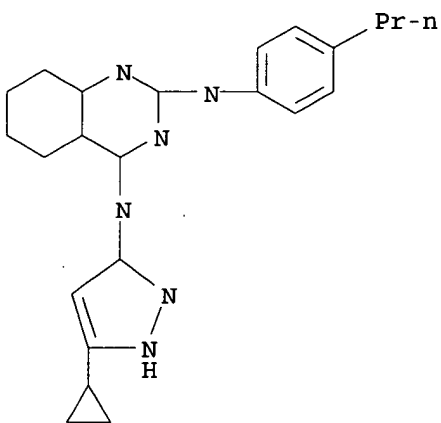
10/ 026,967



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-51-4 CAPLUS

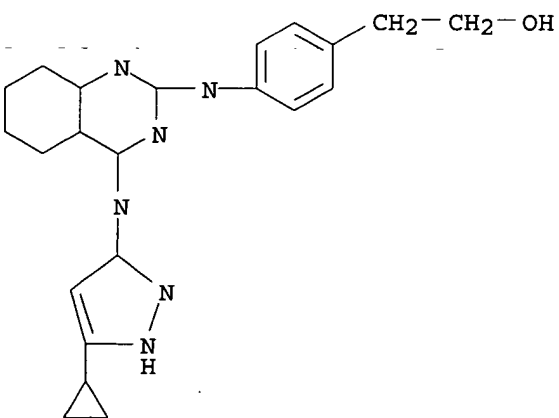
CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(4-propylphenyl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-52-5 CAPLUS

CN Benzeneethanol, 4-[[4-[(5-cyclopropyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]- (9CI) (CA INDEX NAME)

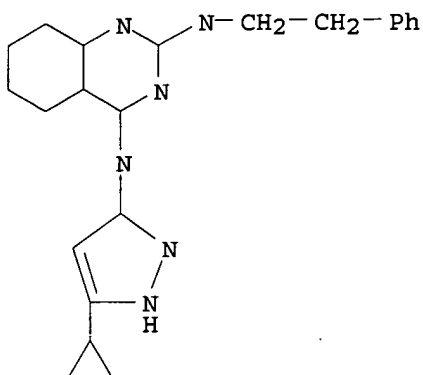


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*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-53-6 CAPLUS

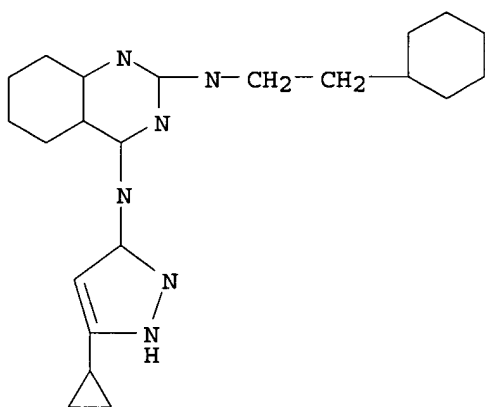
CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(2-phenylethyl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-54-7 CAPLUS

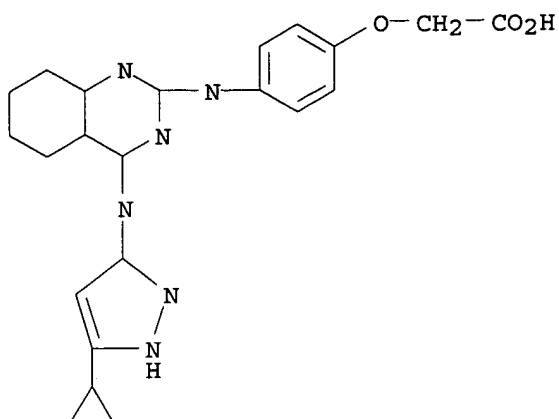
CN 2,4-Quinazolinediamine, N2-(2-cyclohexylethyl)-N4-(5-cyclopropyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-55-8 CAPLUS

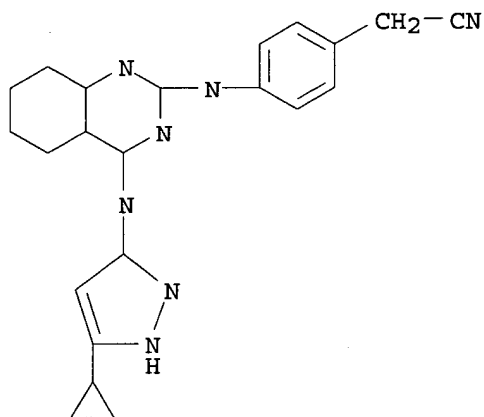
CN Acetic acid, [4-[[4-[(5-cyclopropyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]phenoxy]- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-56-9 CAPLUS

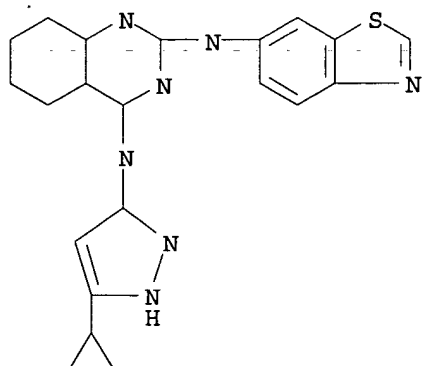
CN Benzeneacetonitrile, 4-[[4-[(5-cyclopropyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-57-0 CAPLUS

CN 2,4-Quinazolinediamine, N2-6-benzothiazolyl-N4-(5-cyclopropyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)

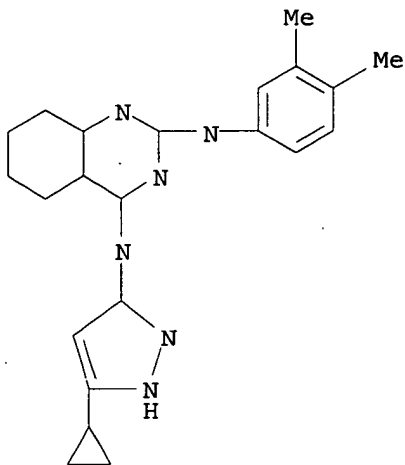


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

10/ 026,967

RN 438204-58-1 CAPLUS

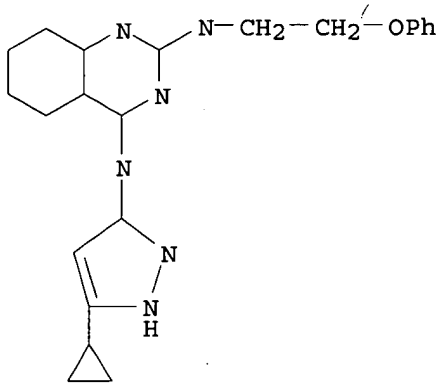
CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(3,4-dimethylphenyl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-59-2 CAPLUS

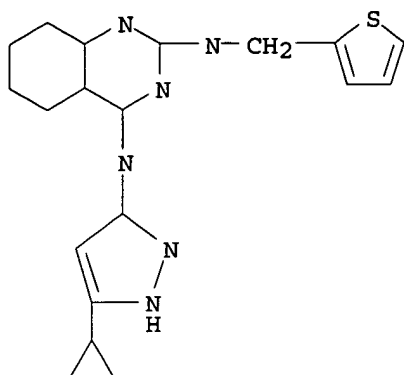
CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(2-phenoxyethyl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-60-5 CAPLUS

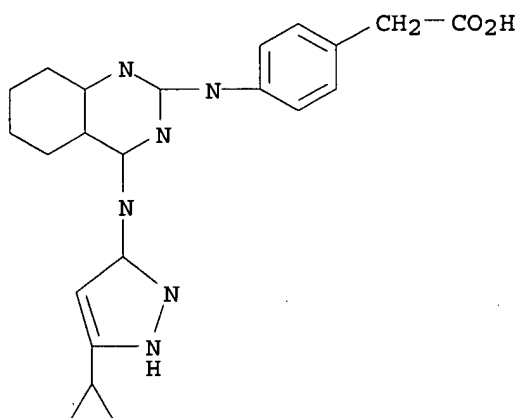
CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(2-thienylmethyl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-62-7 CAPLUS

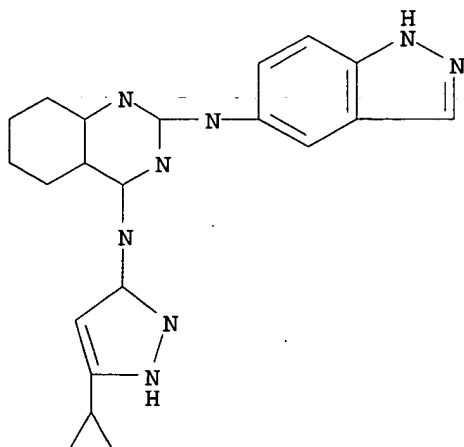
CN Benzeneacetic acid, 4-[[4-[(5-cyclopropyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-63-8 CAPLUS

CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-1H-indazol-5-yl- (9CI) (CA INDEX NAME)

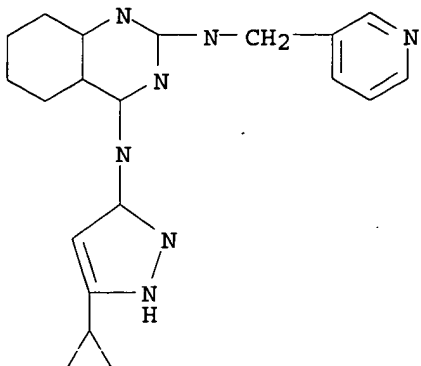


10/ 026,967

*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-64-9 CAPLUS

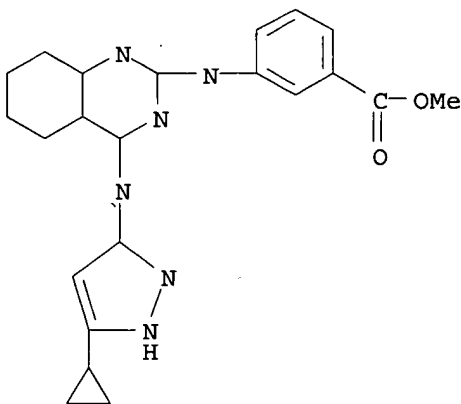
CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(3-pyridinylmethyl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-65-0 CAPLUS

CN Benzoic acid, 3-[[4-[(5-cyclopropyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]-, methyl ester (9CI) (CA INDEX NAME)

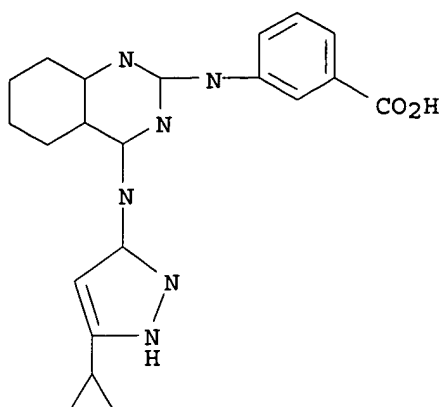


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-66-1 CAPLUS

CN Benzoic acid, 3-[[4-[(5-cyclopropyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]- (9CI) (CA INDEX NAME)

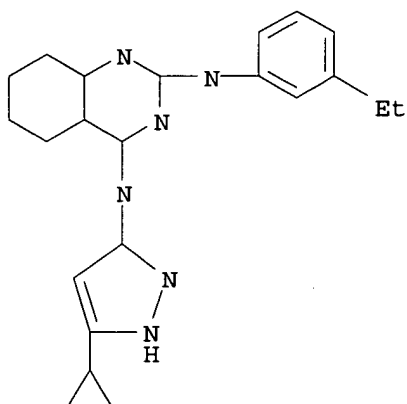
10/ 026,967



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-67-2 CAPLUS

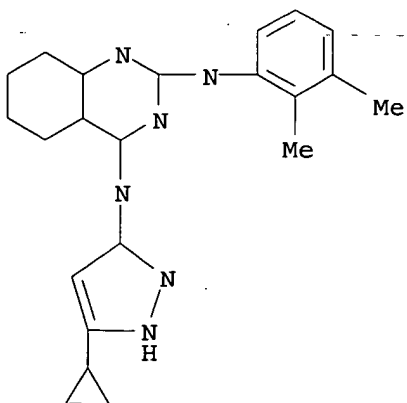
CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(3-ethylphenyl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-68-3 CAPLUS

CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(2,3-dimethylphenyl)- (9CI) (CA INDEX NAME)

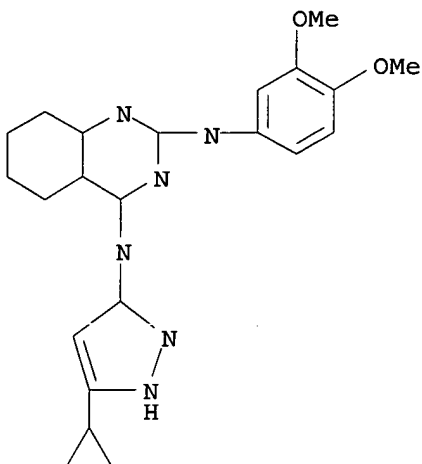


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*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-69-4 CAPLUS

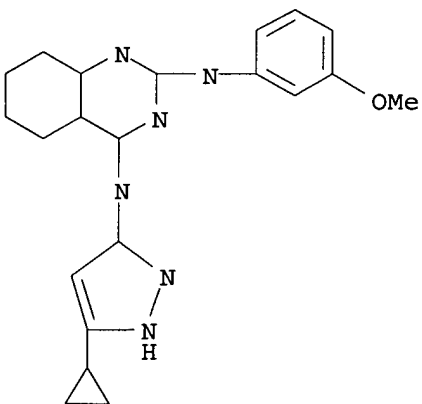
CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(3,4-dimethoxyphenyl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-70-7 CAPLUS

CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(3-methoxyphenyl)- (9CI) (CA INDEX NAME)

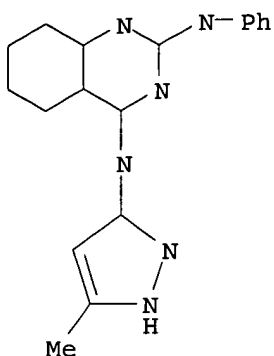


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-71-8 CAPLUS

CN 2,4-Quinazolinediamine, 5,6,7,8-tetrahydro-N4-(5-methyl-1H-pyrazol-3-yl)-N2-phenyl- (9CI) (CA INDEX NAME)

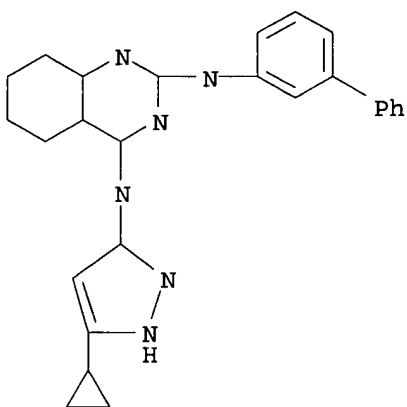
10/ 026,967



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-72-9 CAPLUS

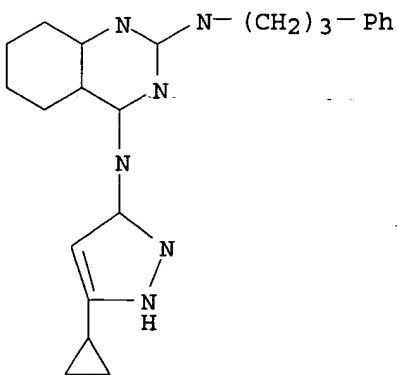
CN 2,4-Quinazolinediamine, N2-[1,1'-biphenyl]-3-yl-N4-(5-cyclopropyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-73-0 CAPLUS

CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(3-phenylpropyl)- (9CI) (CA INDEX NAME)



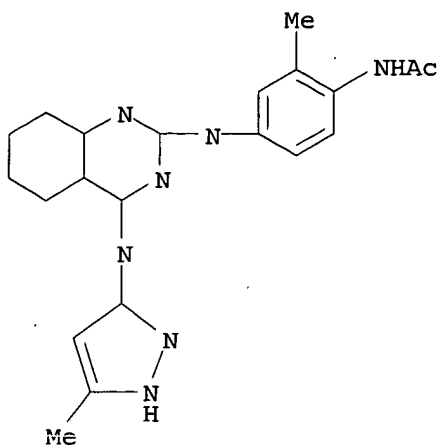
*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-74-1 CAPLUS

CN Acetamide, N-[2-methyl-4-[[4-[(5-methyl-1H-pyrazol-3-yl)amino]-2-

10/ 026,967

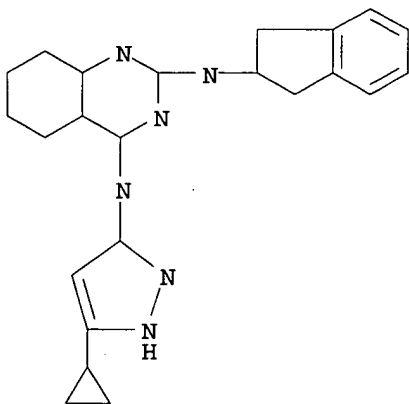
quinazolinyl]amino]phenyl]- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-75-2 CAPLUS

CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(2,3-dihydro-1H-inden-2-yl)- (9CI) (CA INDEX NAME)

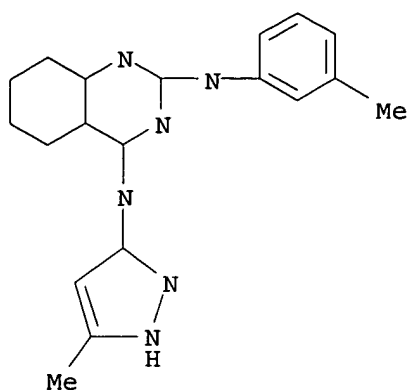


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-76-3 CAPLUS

CN 2,4-Quinazolinediamine, N2-(3-methylphenyl)-N4-(5-methyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)

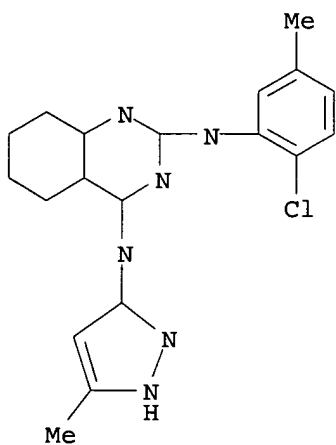
10/ 026,967



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-77-4 CAPLUS

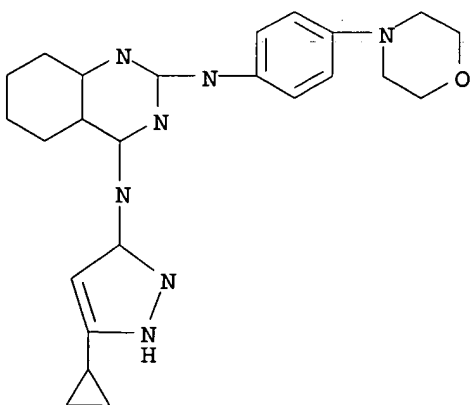
CN 2,4-Quinazolinediamine, N2-(2-chloro-5-methylphenyl)-N4-(5-methyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-78-5 CAPLUS

CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-[4-(4-morpholinyl)phenyl]- (9CI) (CA INDEX NAME)

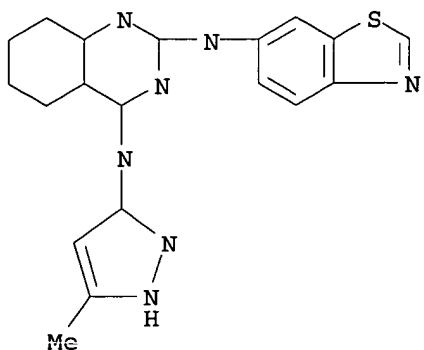


10/ 026,967

*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-79-6 CAPLUS

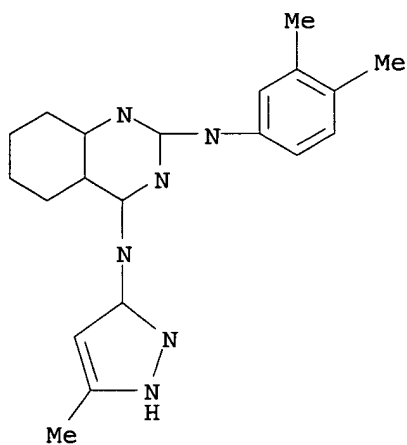
CN 2,4-Quinazolinediamine, N2-6-benzothiazolyl-N4-(5-methyl-1H-pyrazol-3-yl)-
(9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-80-9 CAPLUS

CN 2,4-Quinazolinediamine, N2-(3,4-dimethylphenyl)-N4-(5-methyl-1H-pyrazol-3-yl)-
(9CI) (CA INDEX NAME)

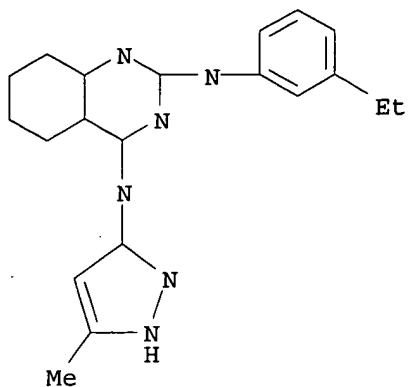


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-81-0 CAPLUS

CN 2,4-Quinazolinediamine, N2-(3-ethylphenyl)-N4-(5-methyl-1H-pyrazol-3-yl)-
(9CI) (CA INDEX NAME)

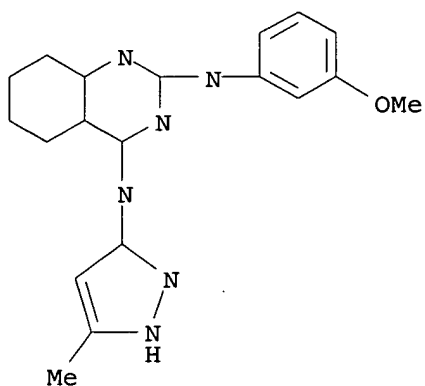
10/ 026,967



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-82-1 CAPLUS

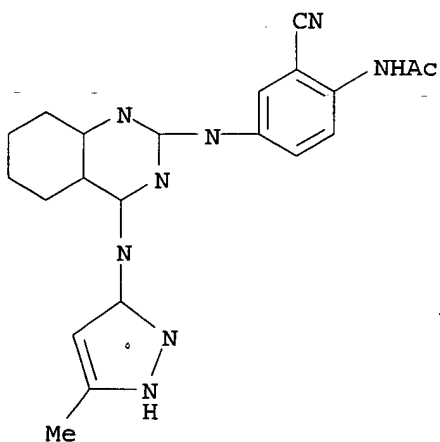
CN 2,4-Quinazolinediamine, N2-(3-methoxyphenyl)-N4-(5-methyl-1H-pyrazol-3-yl)-
(9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-83-2 CAPLUS

CN Acetamide, N-[2-cyano-4-[[4-[(5-methyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]phenyl]- (9CI) (CA INDEX NAME)

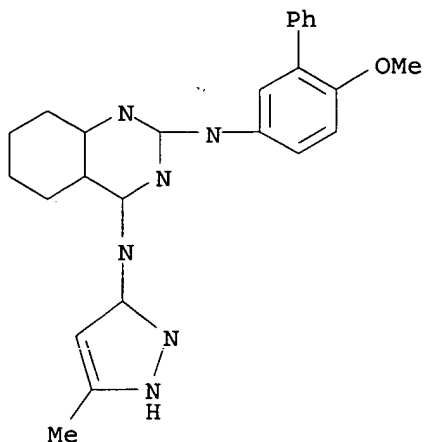


10/ 026,967

*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-84-3 CAPLUS

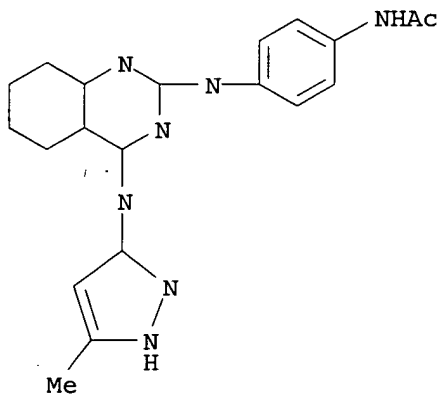
CN 2,4-Quinazolinediamine, N2-(6-methoxy[1,1'-biphenyl]-3-yl)-N4-(5-methyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-85-4 CAPLUS

CN Acetamide, N-[4-[[4-[(5-methyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]phenyl]- (9CI) (CA INDEX NAME)

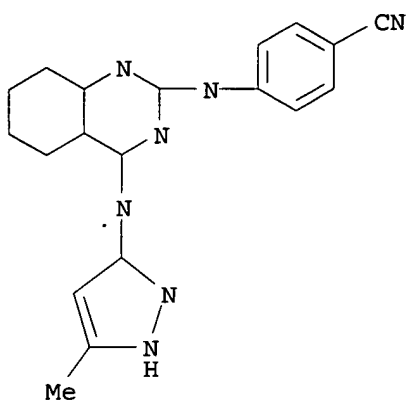


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-87-6 CAPLUS

CN Benzonitrile, 4-[[4-[(5-methyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]- (9CI) (CA INDEX NAME)

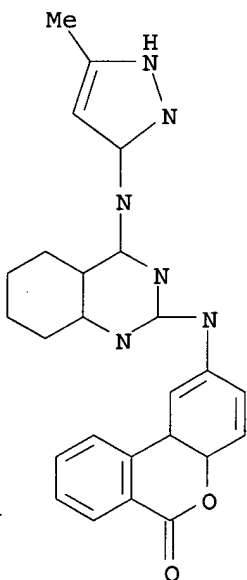
10/ 026,967



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-88-7 CAPLUS

CN 6H-Dibenzo[b,d]pyran-6-one, 4a,10b-dihydro-2-[[4-[(5-methyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]- (9CI) (CA INDEX NAME)

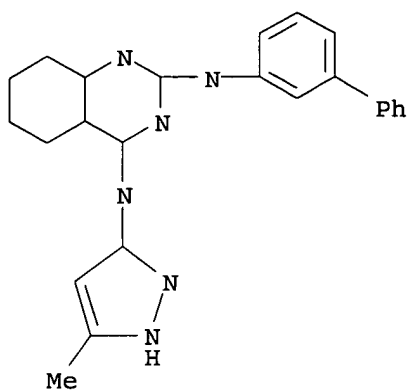


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-89-8 CAPLUS

CN 2,4-Quinazolinediamine, N2-[1,1'-biphenyl]-3-yl-N4-(5-methyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)

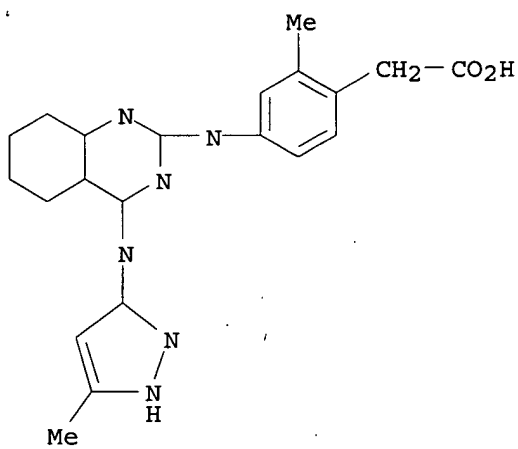
10/ 026,967



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-91-2 CAPLUS

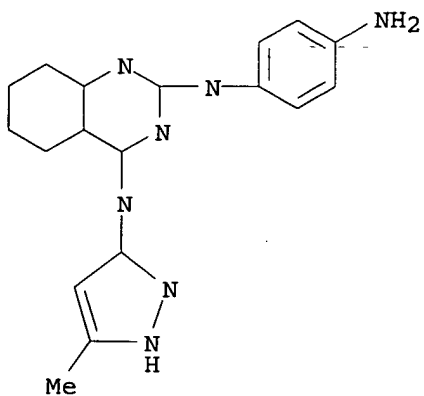
CN Benzeneacetic acid, 2-methyl-4-[[4-[(5-methyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-92-3 CAPLUS

CN 2,4-Quinazolinediamine, N2-(4-aminophenyl)-N4-(5-methyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)

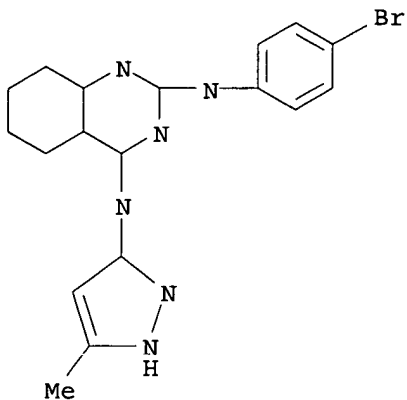


10/ 026,967

*** FRAGMENT DIAGRAM IS INCOMPLETE ***

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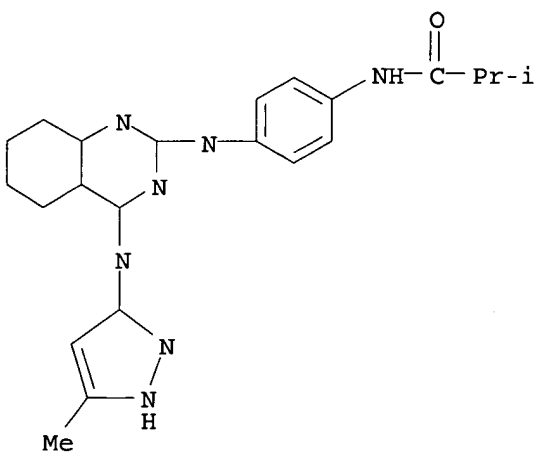
CN 2,4-Quinazolinediamine, N2-(4-bromophenyl)-N4-(5-methyl-1H-pyrazol-3-yl)-
(9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-94-5 CAPLUS

CN Propanamide, 2-methyl-N-[4-[[4-[(5-methyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]phenyl]- (9CI) (CA INDEX NAME)

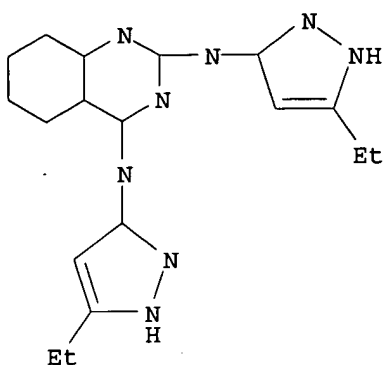


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-95-6 CAPLUS

CN 2,4-Quinazolinediamine, N,N'-bis(5-ethyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)

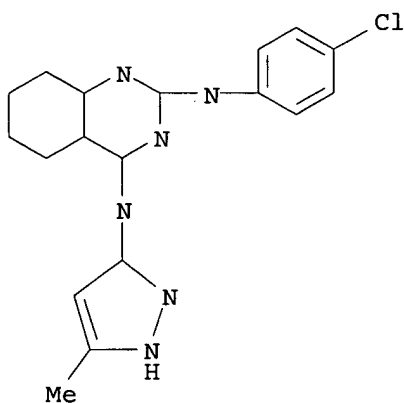
10/ 026,967



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438205-04-0 CAPLUS

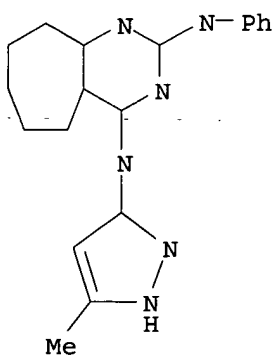
CN 2,4-Quinazolinediamine, N2-(4-chlorophenyl)-5,6,7,8-tetrahydro-N4-(5-methyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438205-05-1 CAPLUS

CN 5H-Cycloheptapyrimidine-2,4-diamine, 6,7,8,9-tetrahydro-N4-(5-methyl-1H-pyrazol-3-yl)-N2-phenyl- (9CI) (CA INDEX NAME)



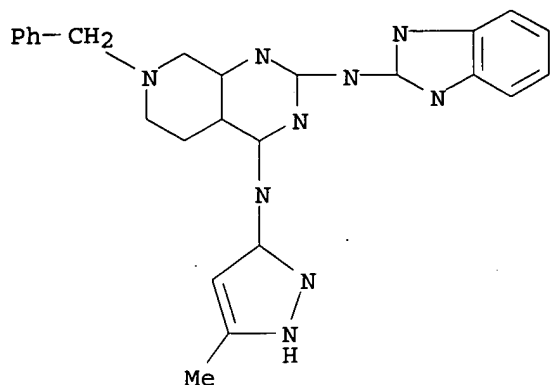
*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438205-06-2 CAPLUS

CN Pyrido[3,4-d]pyrimidine-2,4-diamine, N2-1H-benzimidazol-2-yl-5,6,7,8-tetrahydro-N4-(5-methyl-1H-pyrazol-3-yl)-7-(phenylmethyl)- (9CI) (CA INDEX NAME)

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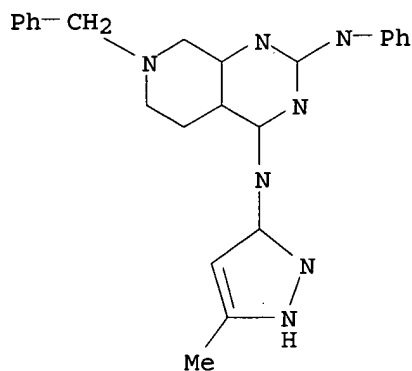
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*** FRAGMENT DIAGRAM IS INCOMPLETE ***

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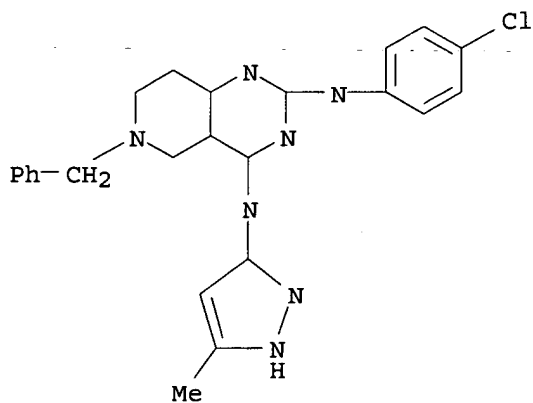
CN Pyrido[3,4-d]pyrimidine-2,4-diamine, 5,6,7,8-tetrahydro-N4-(5-methyl-1H-pyrazol-3-yl)-N2-phenyl-7-(phenylmethyl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438205-08-4 CAPLUS

CN Pyrido[4,3-d]pyrimidine-2,4-diamine, N2-(4-chlorophenyl)-5,6,7,8-tetrahydro-N4-(5-methyl-1H-pyrazol-3-yl)-6-(phenylmethyl)- (9CI) (CA INDEX NAME)

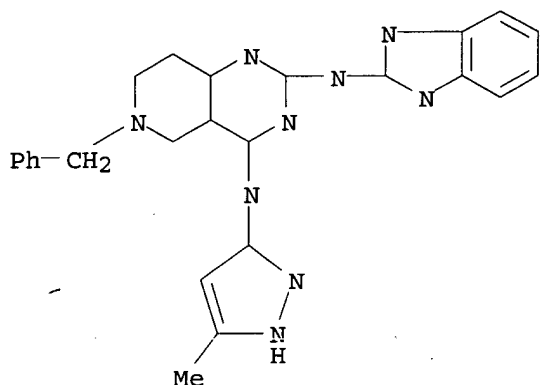


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*** FRAGMENT DIAGRAM IS INCOMPLETE ***

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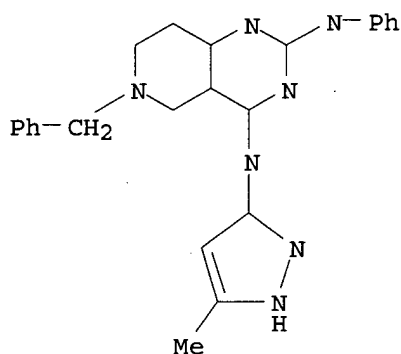
CN Pyrido[4,3-d]pyrimidine-2,4-diamine, N2-1H-benzimidazol-2-yl-5,6,7,8-tetrahydro-N4-(5-methyl-1H-pyrazol-3-yl)-6-(phenylmethyl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438205-10-8 CAPLUS

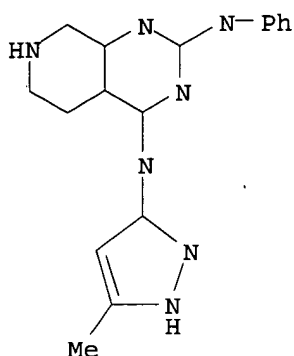
CN Pyrido[4,3-d]pyrimidine-2,4-diamine, 5,6,7,8-tetrahydro-N4-(5-methyl-1H-pyrazol-3-yl)-N2-phenyl-6-(phenylmethyl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438205-11-9 CAPLUS

CN Pyrido[3,4-d]pyrimidine-2,4-diamine, 5,6,7,8-tetrahydro-N4-(5-methyl-1H-pyrazol-3-yl)-N2-phenyl- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

L3 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2002:555487 CAPLUS

DOCUMENT NUMBER: 137:125169

TITLE: Preparation of 3-(4-pyrimidinylamino)-1H-pyrazoles as protein kinase inhibitors, especially of Aurora-2 and GSK-3

INVENTOR(S): Bebbington, David; Charrier, Jean-Damien; Golec, Julian; Miller, Andrew; Knegt, Ronald

PATENT ASSIGNEE(S): Vertex Pharmaceuticals Incorporated, USA

SOURCE: PCT Int. Appl., 333 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 14

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002057259	A2	20020725	WO 2001-US49401	20011219
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
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US 2003055068	A1	20030320	US 2001-26967	20011219
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PRIORITY APPLN. INFO.:

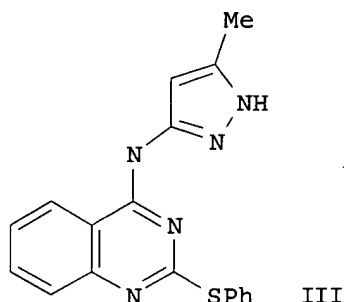
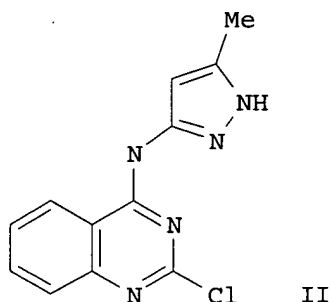
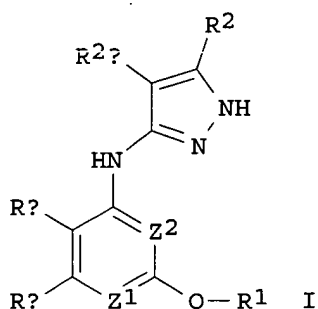
US 2000-257887P P 20001221
US 2001-286949P P 20010427

OTHER SOURCE(S):

MARPAT 137:125169

GI

Same priority date



AB The title compds. I [Z1 = N, CR8; Z2 = N. CH; and at least one of Z1 and Z2 = N; Rb, Rc = TR3, LZR3; C2RbRc = (un)substituted fused (hetero)cycle; Q = NR4, O, S, etc.; R1 = TD; D = (un)substituted mono- or bicyclic (hetero)aryl, heterocyclyl, carbocyclyl; T = a bond, alkylidene (un)interrupted by O, S, NR4, CO, etc.; Z = alkylidene; L = O, S, SO, SO2, etc.; R2, R2a = R, TWR6, or C2R2R2a = (un)substituted fused (hetero)cycle; R3 = R, halo, OR, etc.; R = H, (un)substituted aliph., (hetero)aryl, heterocyclyl; R4 = R7, COR7, SO2R7, etc.; W = CO, CO2, CONR6, etc.; R6, R7 = H, alkyl; or N(R6)2 or N(R7)2 = heterocyclyl, heteroaryl] were prepd. For example, the (pyrazolylamino)quinazoline II was refluxed with thiophenol in tert-BuOH to give III. In bioassays, I inhibited the following kinases with Ki values reported < 20 .mu.M: GSK-3.beta. (232 compds.), AURORA-2 (227 compds.), CDK-2 (13 compds.), ERK2 (8 compds.), AKT (10 compds.), and Human Src kinase (183 compds.). I are useful for the treatment of diseases assocd. with protein kinases, such as diabetes, cancer, and Alzheimer's disease (no data).

IT 438204-86-5P 438204-90-1P

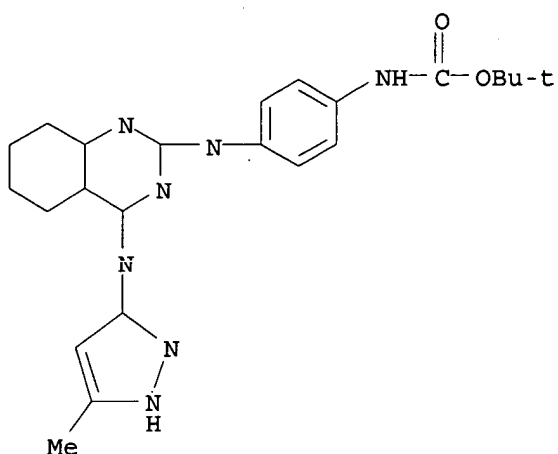
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP

10/ 026,967

(Preparation); RACT (Reactant or reagent); USES (Uses)
(protein kinase inhibitor; prepn. of (pyrimidinylamino)pyrazoles as
protein kinase inhibitors for treatment of cancer, diabetes, and
Alzheimer's disease)

RN 438204-86-5 CAPLUS

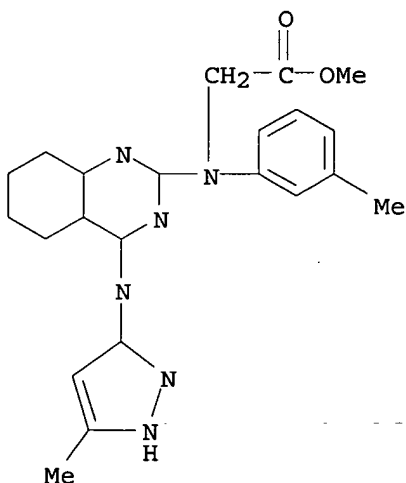
CN Carbamic acid, [4-[[4-[(5-methyl-1H-pyrazol-3-yl)amino]-2-
quinazolinyl]amino]phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX
NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-90-1 CAPLUS

CN Glycine, N-(3-methylphenyl)-N-[4-[(5-methyl-1H-pyrazol-3-yl)amino]-2-
quinazolinyl]-, methyl ester (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

IT 438203-14-6P 438204-28-5P 438204-29-6P
438204-30-9P 438204-31-0P 438204-32-1P
438204-33-2P 438204-34-3P 438204-35-4P
438204-36-5P 438204-37-6P 438204-38-7P
438204-39-8P 438204-40-1P 438204-41-2P
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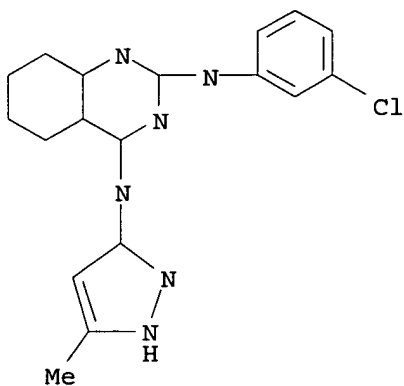
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 438204-79-6P 438204-80-9P 438204-81-0P
 438204-82-1P 438204-83-2P 438204-84-3P
 438204-85-4P 438204-87-6P 438204-88-7P
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 438204-93-4P 438204-94-5P 438204-95-6P
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 438205-07-3P 438205-08-4P 438205-09-5P
 438205-10-8P 438205-11-9P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
 (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
 (Uses)

(protein kinase inhibitor; prepn. of (pyrimidinylamino)pyrazoles as
 protein kinase inhibitors for treatment of cancer, diabetes, and
 Alzheimer's disease)

RN 438203-14-6 CAPLUS

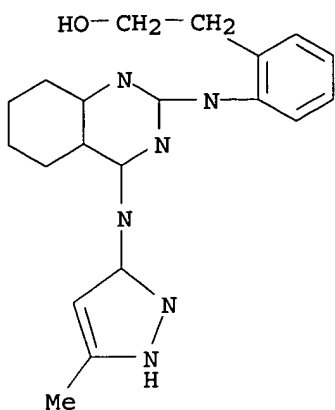
CN 2,4-Quinazolinediamine, N2-(3-chlorophenyl)-N4-(5-methyl-1H-pyrazol-3-yl)-
 (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-28-5 CAPLUS

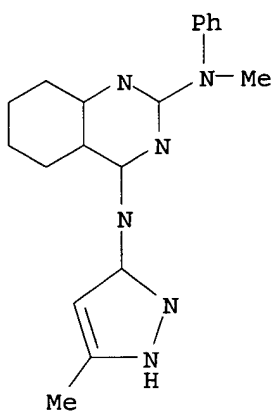
CN Benzeneethanol, 2-[[4-[(5-methyl-1H-pyrazol-3-yl)amino]-2-
 quinazolinyl]amino]- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-29-6 CAPLUS

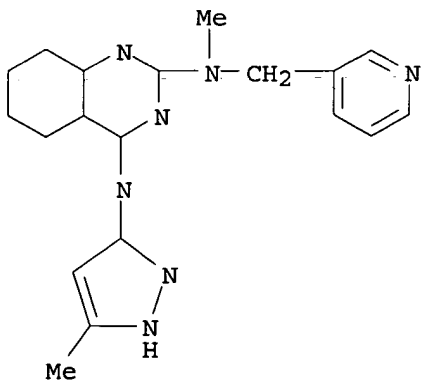
CN 2,4-Quinazolinediamine, N2-methyl-N4-(5-methyl-1H-pyrazol-3-yl)-N2-phenyl-
(9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-30-9 CAPLUS

CN 2,4-Quinazolinediamine, N2-methyl-N4-(5-methyl-1H-pyrazol-3-yl)-N2-(3-
pyridinylmethyl)- (9CI) (CA INDEX NAME)

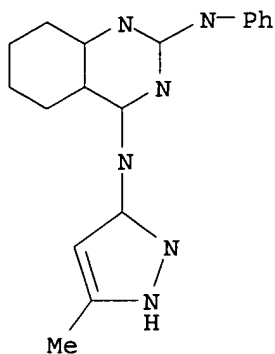


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

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RN 438204-31-0 CAPLUS

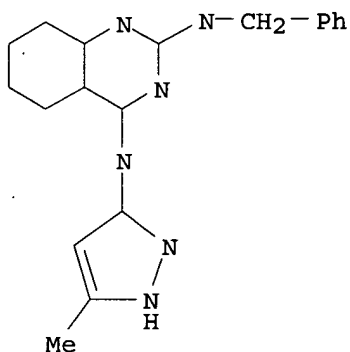
CN 2,4-Quinazolinediamine, N4-(5-methyl-1H-pyrazol-3-yl)-N2-phenyl- (9CI)
(CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-32-1 CAPLUS

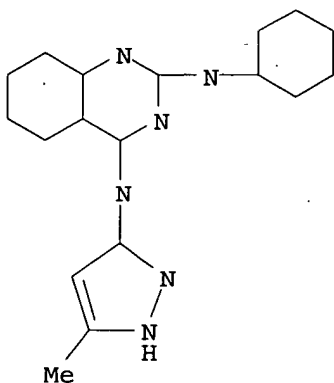
CN 2,4-Quinazolinediamine, N4-(5-methyl-1H-pyrazol-3-yl)-N2-(phenylmethyl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-33-2 CAPLUS

CN 2,4-Quinazolinediamine, N2-cyclohexyl-N4-(5-methyl-1H-pyrazol-3-yl)- (9CI)
(CA INDEX NAME)

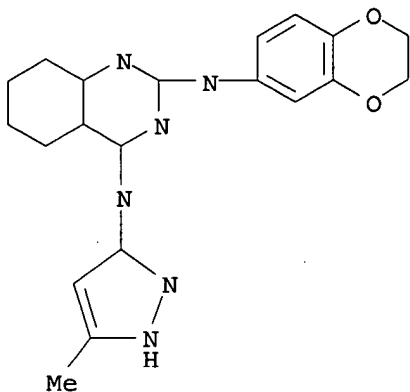


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*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-34-3 CAPLUS

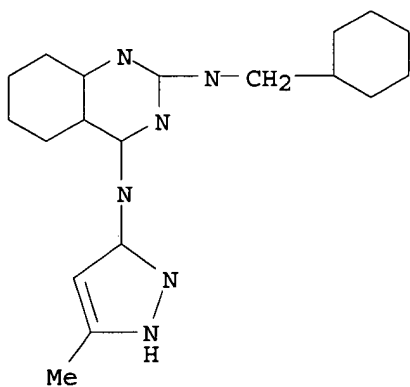
CN 2,4-Quinazolinediamine, N2-(2,3-dihydro-1,4-benzodioxin-6-yl)-N4-(5-methyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-35-4 CAPLUS

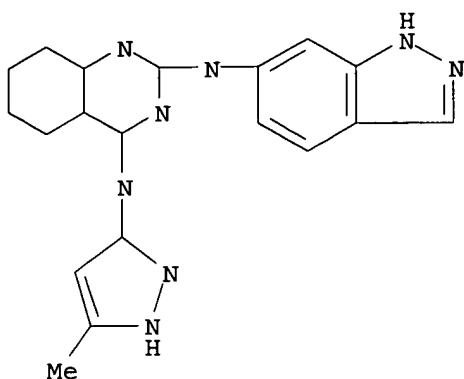
CN 2,4-Quinazolinediamine, N2-(cyclohexylmethyl)-N4-(5-methyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-36-5 CAPLUS

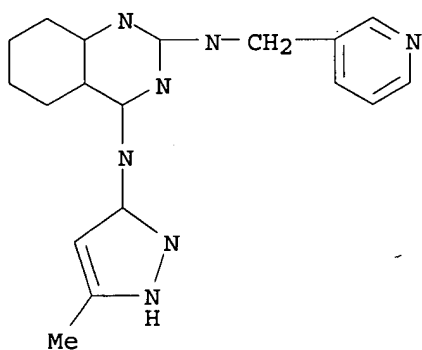
CN 2,4-Quinazolinediamine, N2-1H-indazol-6-yl-N4-(5-methyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-37-6 CAPLUS

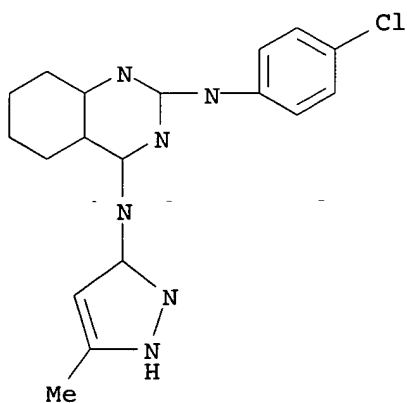
CN 2,4-Quinazolinediamine, N4-(5-methyl-1H-pyrazol-3-yl)-N2-(3-pyridinylmethyl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-38-7 CAPLUS

CN 2,4-Quinazolinediamine, N2-(4-chlorophenyl)-N4-(5-methyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)

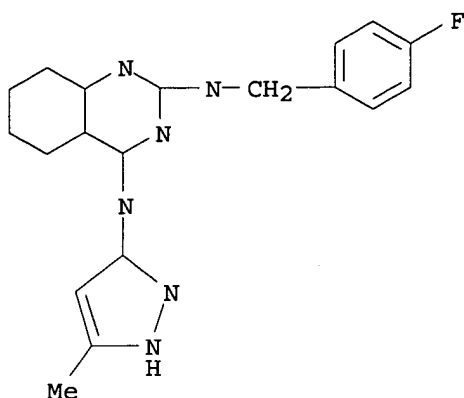


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-39-8 CAPLUS

CN 2,4-Quinazolinediamine, N2-[(4-fluorophenyl)methyl]-N4-(5-methyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)

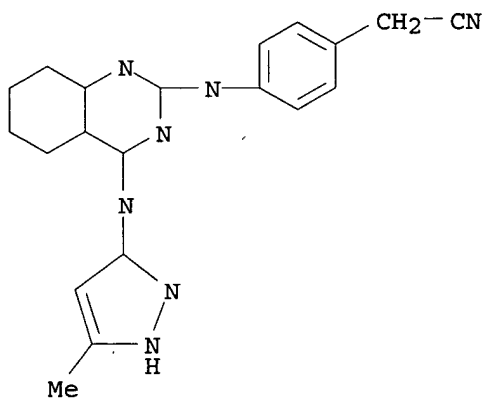
10/ 026,967



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-40-1 CAPLUS

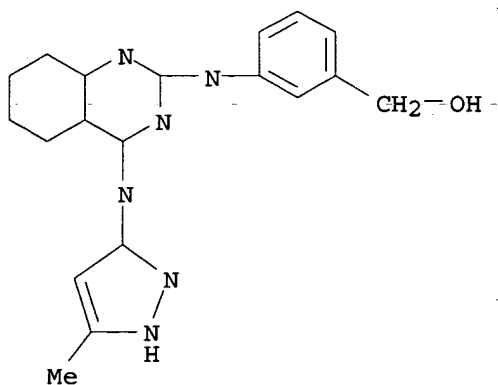
CN Benzenecetonitrile, 4-[[4-[(5-methyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-41-2 CAPLUS

CN Benzenemethanol, 3-[[4-[(5-methyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]- (9CI) (CA INDEX NAME)

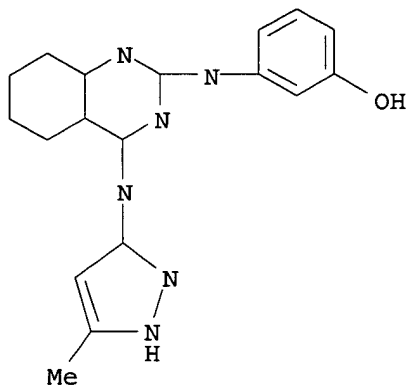


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-42-3 CAPLUS

10/ 026,967

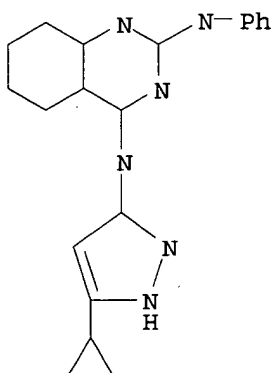
CN Phenol, 3-[[4-[(5-methyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]-
(9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-43-4 CAPLUS

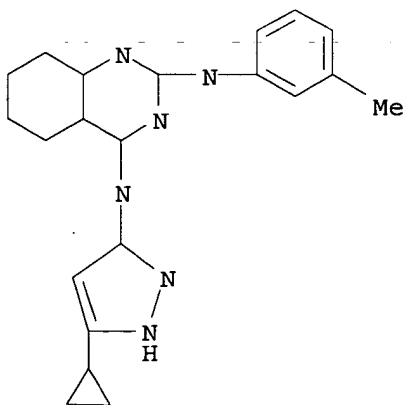
CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-phenyl-
(9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-44-5 CAPLUS

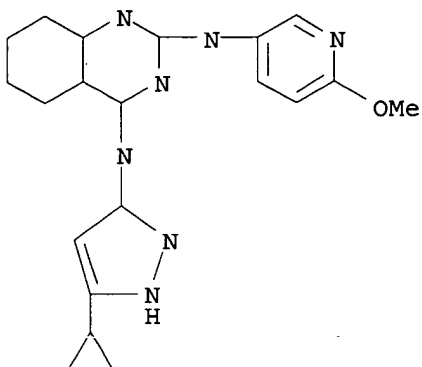
CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(3-methylphenyl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-45-6 CAPLUS

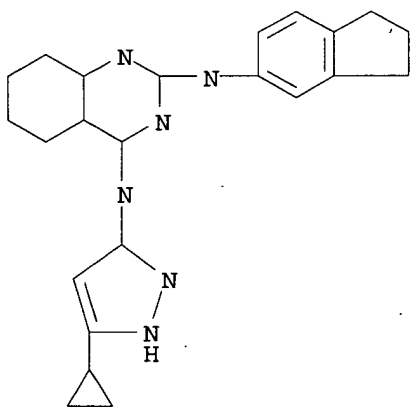
CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(6-methoxy-3-pyridinyl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-46-7 CAPLUS

CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(2,3-dihydro-1H-inden-5-yl)- (9CI) (CA INDEX NAME)

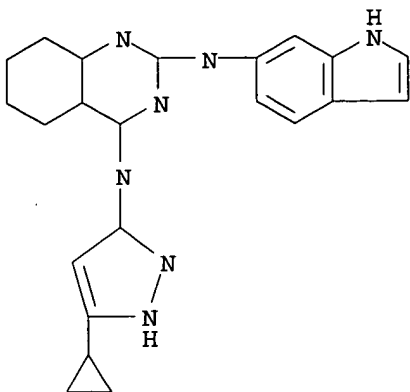


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-47-8 CAPLUS

CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-1H-indol-6-yl- (9CI) (CA INDEX NAME)

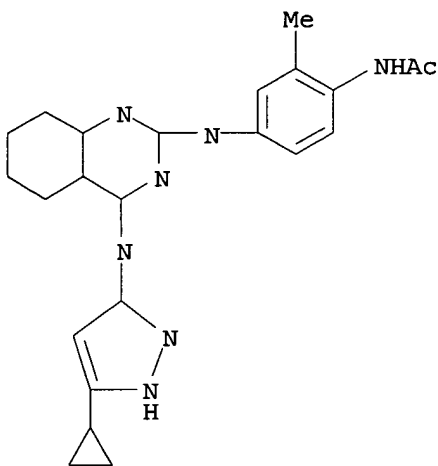
10/ 026,967



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-48-9 CAPLUS

CN Acetamide, N-[4-[[4-[(5-cyclopropyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]-2-methylphenyl]- (9CI) (CA INDEX NAME)

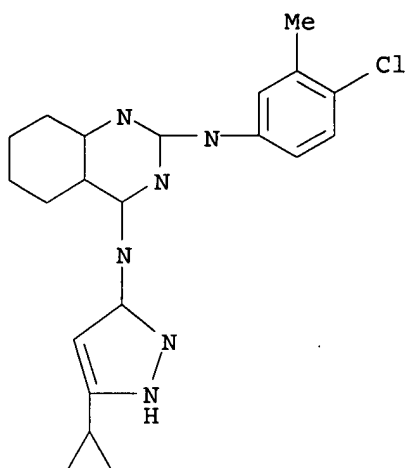


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-49-0 CAPLUS

CN 2,4-Quinazolinediamine, N2-(4-chloro-3-methylphenyl)-N4-(5-cyclopropyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)

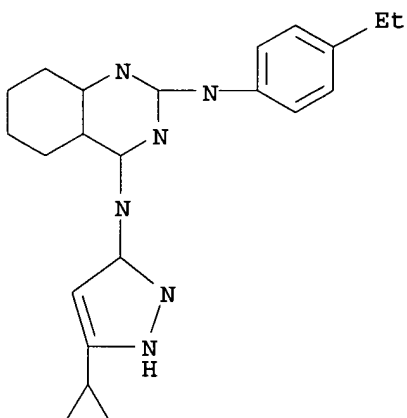
10/ 026,967



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-50-3 CAPLUS

CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(4-ethylphenyl)- (9CI) (CA INDEX NAME)

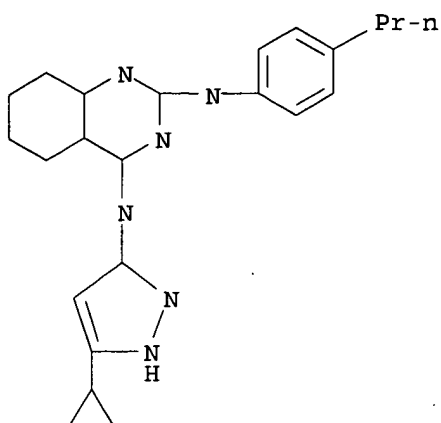


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-51-4 CAPLUS

CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(4-propylphenyl)- (9CI) (CA INDEX NAME)

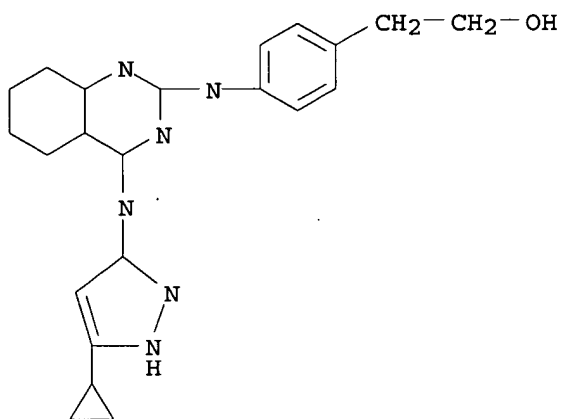
10/ 026,967



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-52-5 CAPLUS

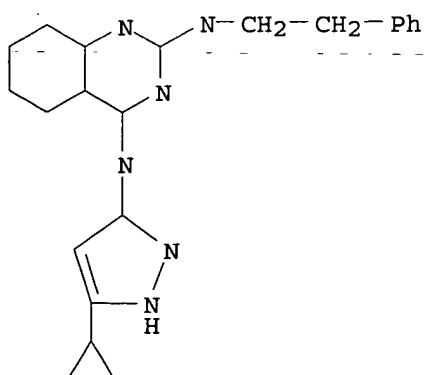
CN Benzeneethanol, 4-[[4-[(5-cyclopropyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-53-6 CAPLUS

CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(2-phenylethyl)- (9CI) (CA INDEX NAME)

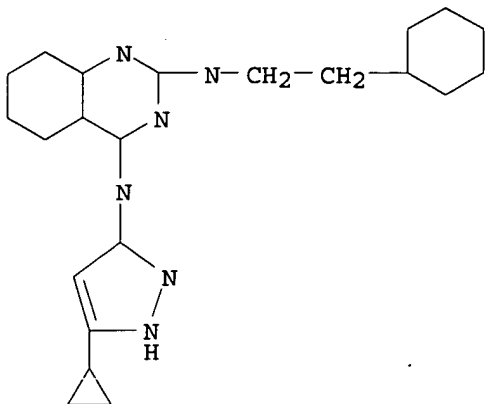


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

10/ 026,967

RN 438204-54-7 CAPLUS

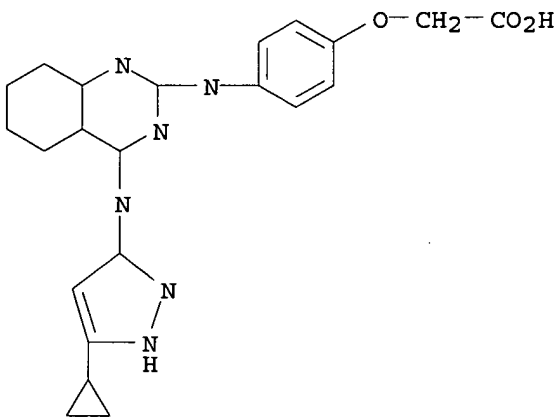
CN 2,4-Quinazolinediamine, N2-(2-cyclohexylethyl)-N4-(5-cyclopropyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-55-8 CAPLUS

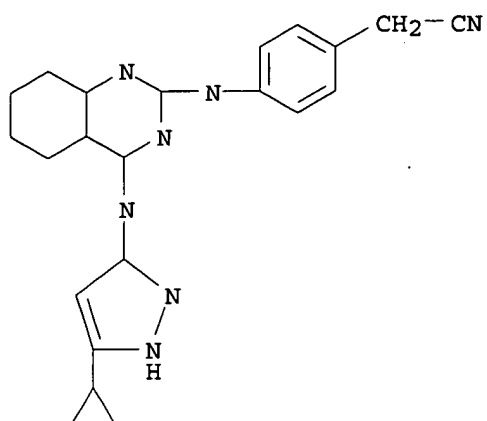
CN Acetic acid, [4-[[4-[(5-cyclopropyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]phenoxy]- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-56-9 CAPLUS

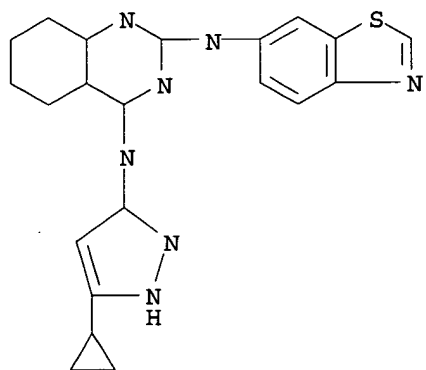
CN Benzeneacetonitrile, 4-[[4-[(5-cyclopropyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-57-0 CAPLUS

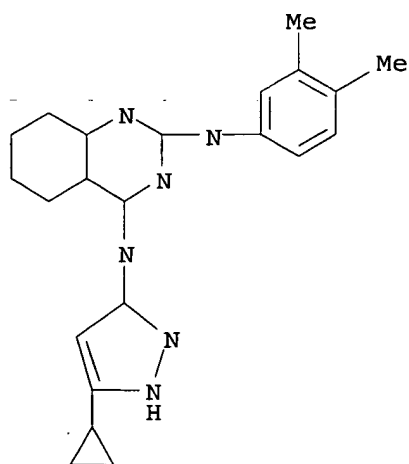
CN 2,4-Quinazolinediamine, N2-6-benzothiazolyl-N4-(5-cyclopropyl-1H-pyrazol-3-yl) - (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-58-1 CAPLUS

CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(3,4-dimethylphenyl) - (9CI) (CA INDEX NAME)

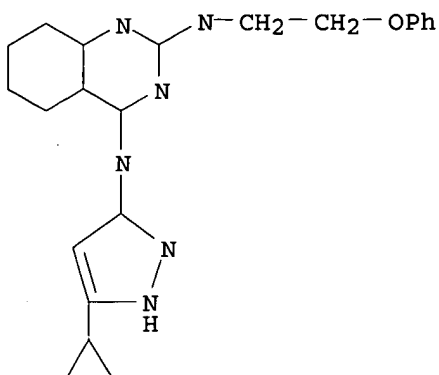


10/ 026,967

*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-59-2 CAPLUS

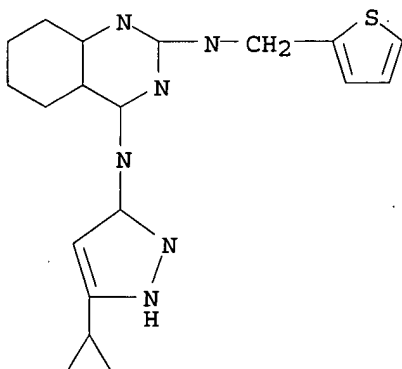
CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(2-phenoxyethyl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-60-5 CAPLUS

CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(2-thienylmethyl)- (9CI) (CA INDEX NAME)

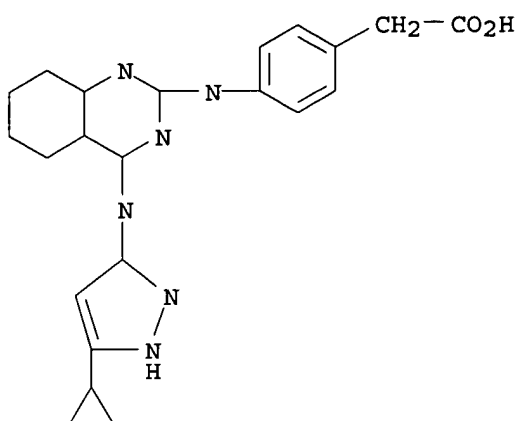


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-62-7 CAPLUS

CN Benzeneacetic acid, 4-[[4-[(5-cyclopropyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]- (9CI) (CA INDEX NAME)

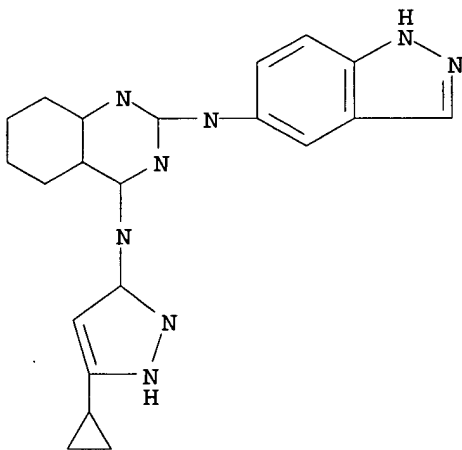
10/ 026,967



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-63-8 CAPLUS

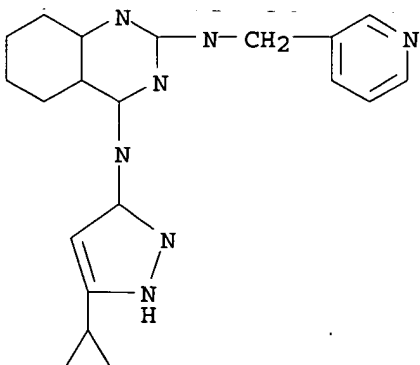
CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-1H-indazol-5-yl- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-64-9 CAPLUS

CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(3-pyridinylmethyl)- (9CI) (CA INDEX NAME)

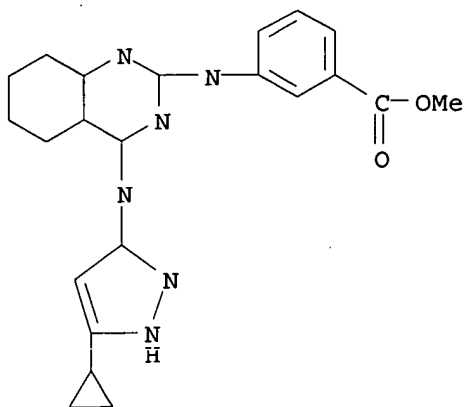


10/ 026,967

*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-65-0 CAPLUS

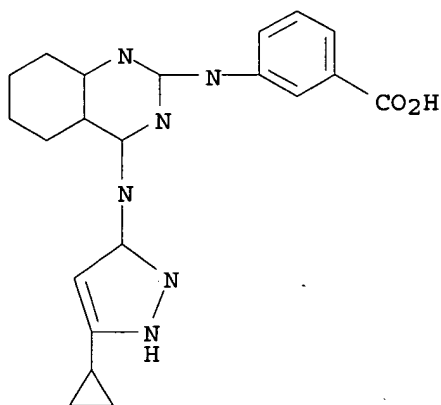
CN Benzoic acid, 3-[[4-[(5-cyclopropyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]-, methyl ester (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-66-1 CAPLUS

CN Benzoic acid, 3-[[4-[(5-cyclopropyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]- (9CI) (CA INDEX NAME)

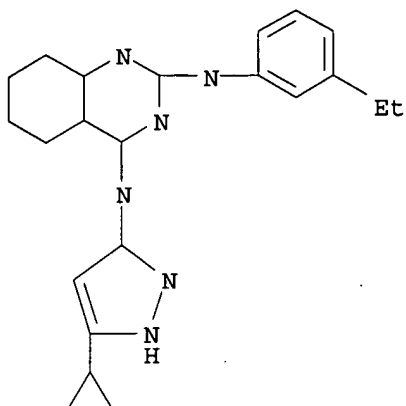


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-67-2 CAPLUS

CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(3-ethylphenyl)- (9CI) (CA INDEX NAME)

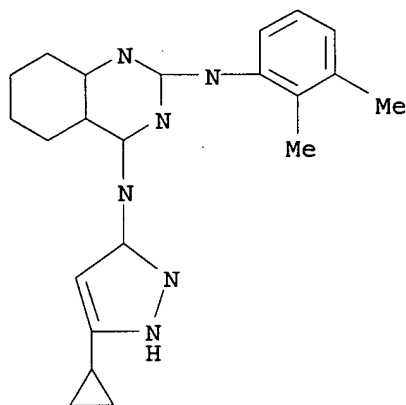
10/ 026,967



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-68-3 CAPLUS

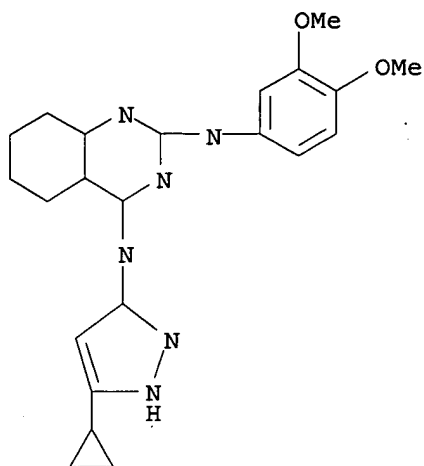
CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(2,3-dimethylphenyl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-69-4 CAPLUS

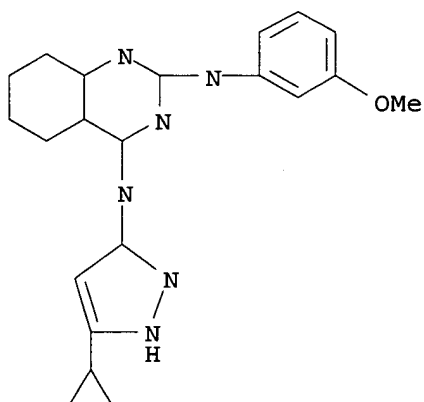
CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(3,4-dimethoxyphenyl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-70-7 CAPLUS

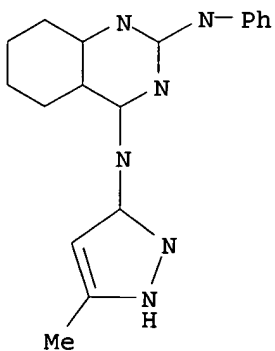
CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(3-methoxyphenyl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-71-8 CAPLUS

CN 2,4-Quinazolinediamine, 5,6,7,8-tetrahydro-N4-(5-methyl-1H-pyrazol-3-yl)-N2-phenyl- (9CI) (CA INDEX NAME)

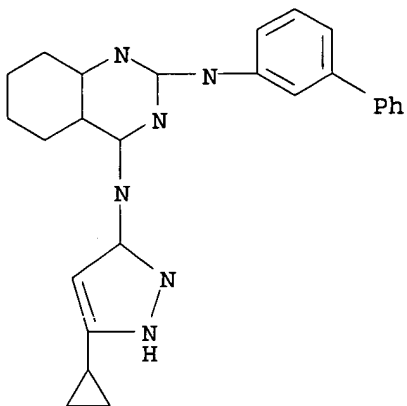


10/ 026,967

*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-72-9 CAPLUS

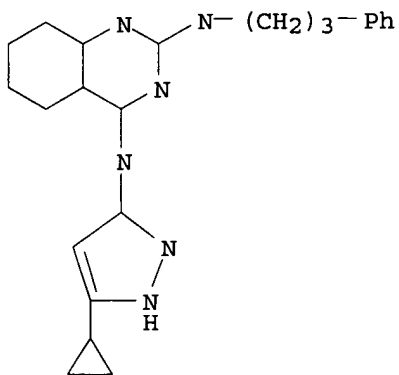
CN 2,4-Quinazolinediamine, N2-[1,1'-biphenyl]-3-yl-N4-(5-cyclopropyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-73-0 CAPLUS

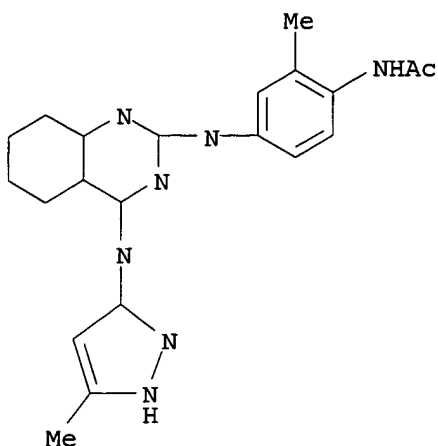
CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(3-phenylpropyl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-74-1 CAPLUS

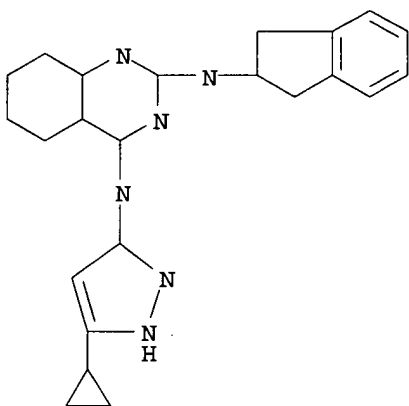
CN Acetamide, N-[2-methyl-4-[[4-[(5-methyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]phenyl]- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-75-2 CAPLUS

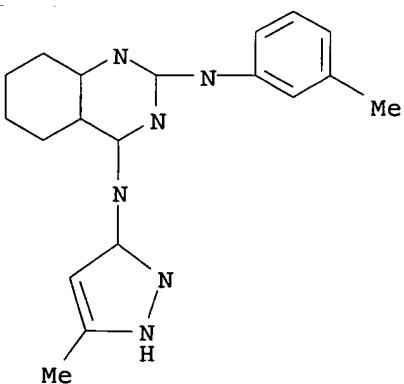
CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(2,3-dihydro-1H-inden-2-yl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-76-3 CAPLUS

CN 2,4-Quinazolinediamine, N2-(3-methylphenyl)-N4-(5-methyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)

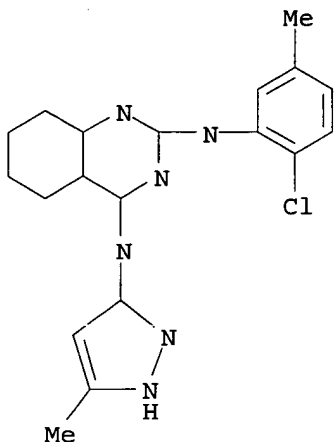


10/ 026,967

*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-77-4 CAPLUS

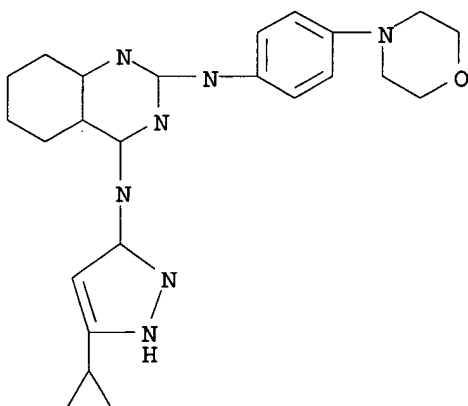
CN 2,4-Quinazolinediamine, N2-(2-chloro-5-methylphenyl)-N4-(5-methyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-78-5 CAPLUS

CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-[4-(4-morpholinyl)phenyl]- (9CI) (CA INDEX NAME)

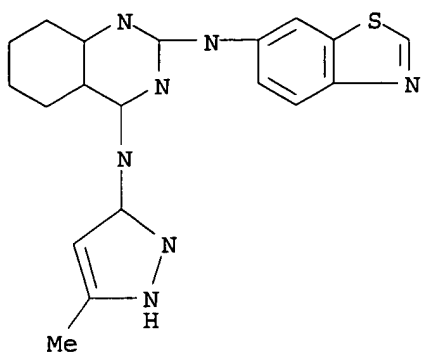


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-79-6 CAPLUS

CN 2,4-Quinazolinediamine, N2-6-benzothiazolyl-N4-(5-methyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)

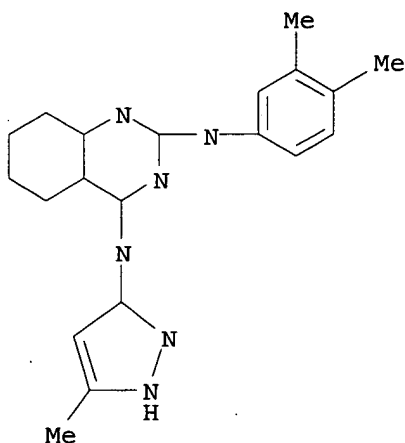
10/ 026,967



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-80-9 CAPLUS

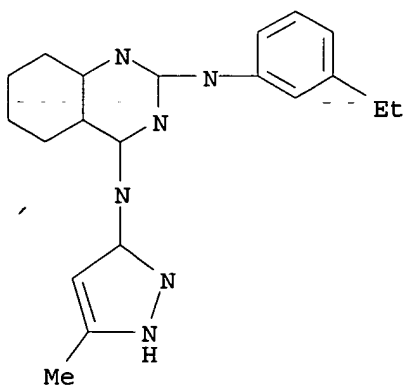
CN 2,4-Quinazolinediamine, N2-(3,4-dimethylphenyl)-N4-(5-methyl-1H-pyrazol-3-yl)-(9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-81-0 CAPLUS

CN 2,4-Quinazolinediamine, N2-(3-ethylphenyl)-N4-(5-methyl-1H-pyrazol-3-yl)-(9CI) (CA INDEX NAME)

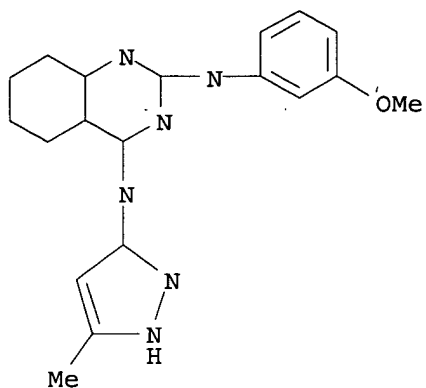


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-82-1 CAPLUS

10/ 026,967

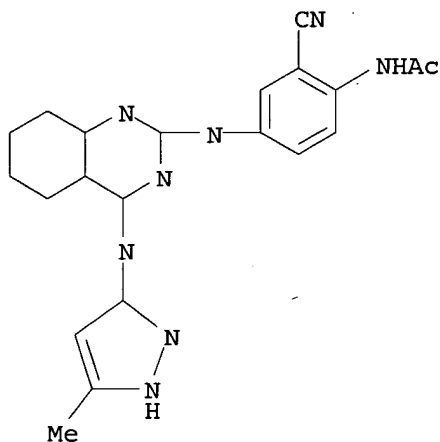
CN 2,4-Quinazolinediamine, N2-(3-methoxyphenyl)-N4-(5-methyl-1H-pyrazol-3-yl)-
(9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-83-2 CAPLUS

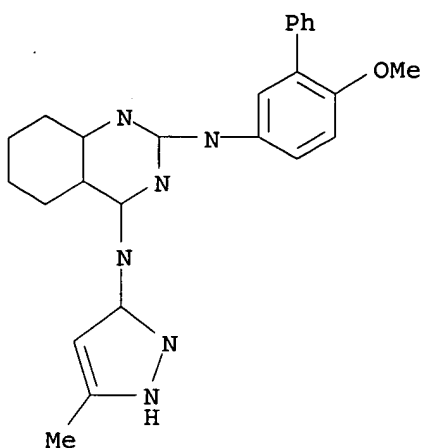
CN Acetamide, N-[2-cyano-4-[[4-[(5-methyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]phenyl]- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-84-3 CAPLUS

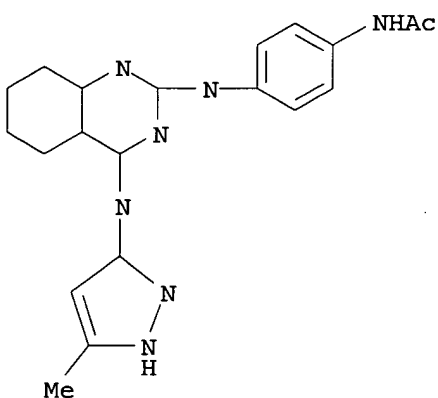
CN 2,4-Quinazolinediamine, N2-(6-methoxy[1,1'-biphenyl]-3-yl)-N4-(5-methyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-85-4 CAPLUS

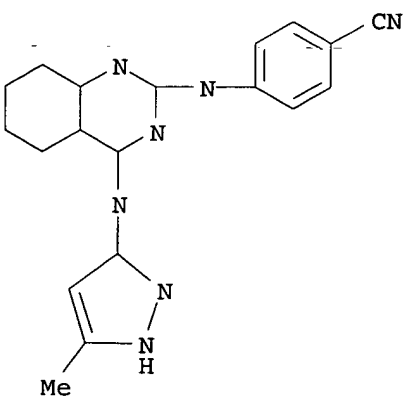
CN Acetamide, N-[4-[[4-[(5-methyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]phenyl]- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-87-6 CAPLUS

CN Benzonitrile, 4-[[4-[(5-methyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]- (9CI) (CA INDEX NAME)

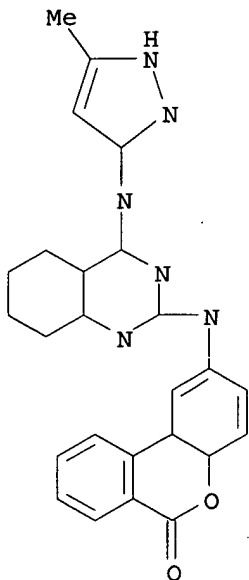


10/ 026,967

*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-88-7 CAPLUS

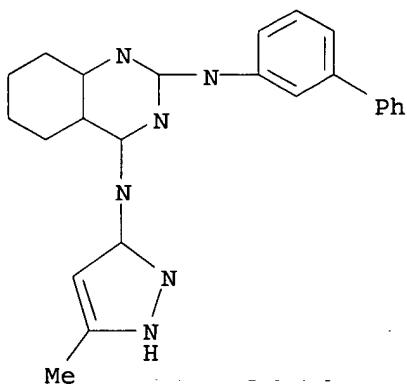
CN 6H-Dibenzo[b,d]pyran-6-one, 4a,10b-dihydro-2-[[4-[(5-methyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-89-8 CAPLUS

CN 2,4-Quinazolinediamine, N2-[1,1'-biphenyl]-3-yl-N4-(5-methyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)

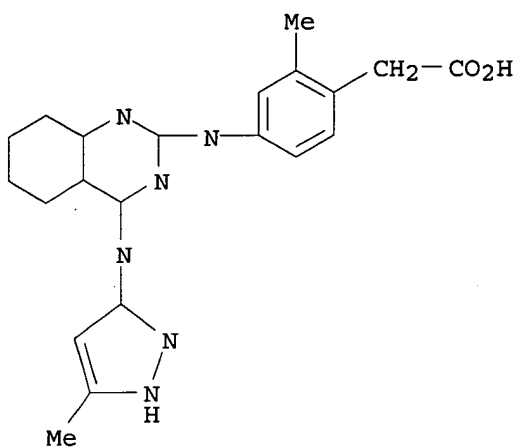


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-91-2 CAPLUS

CN Benzeneacetic acid, 2-methyl-4-[[4-[(5-methyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]- (9CI) (CA INDEX NAME)

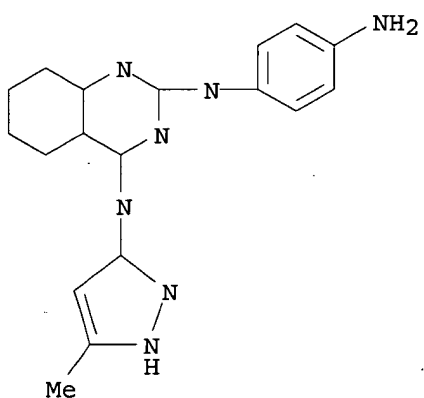
10/ 026,967



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-92-3 CAPLUS

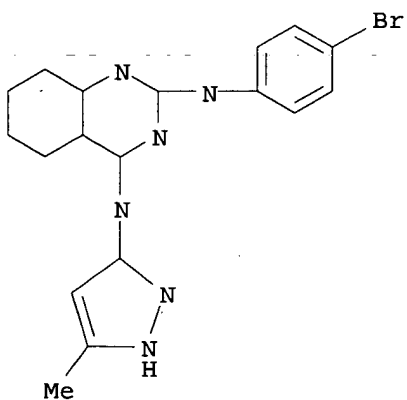
CN 2,4-Quinazolinediamine, N2-(4-aminophenyl)-N4-(5-methyl-1H-pyrazol-3-yl)-
(9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-93-4 CAPLUS

CN 2,4-Quinazolinediamine, N2-(4-bromophenyl)-N4-(5-methyl-1H-pyrazol-3-yl)-
(9CI) (CA INDEX NAME)

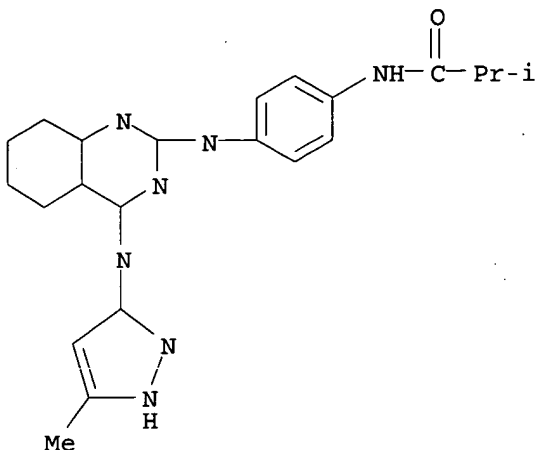


10/ 026,967

*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-94-5 CAPLUS

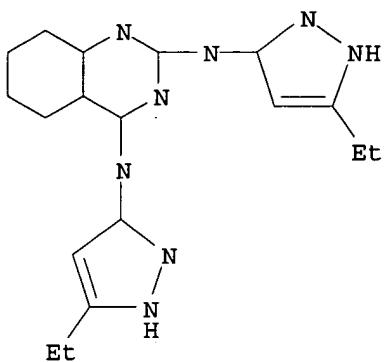
CN Propanamide, 2-methyl-N-[4-[[4-[(5-methyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]phenyl]- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-95-6 CAPLUS

CN 2,4-Quinazolinediamine, N,N'-bis(5-ethyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)

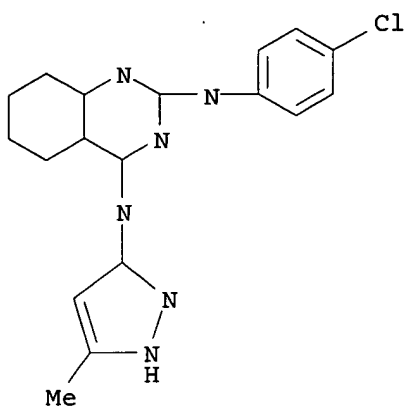


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438205-04-0 CAPLUS

CN 2,4-Quinazolinediamine, N2-(4-chlorophenyl)-5,6,7,8-tetrahydro-N4-(5-methyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)

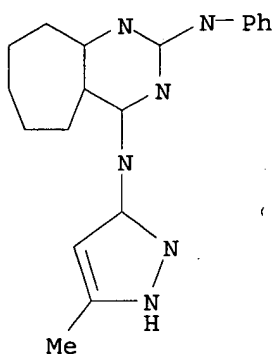
10/ 026,967



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438205-05-1 CAPLUS

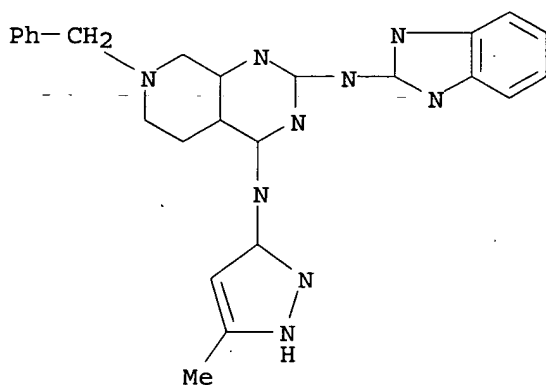
CN 5H-Cycloheptapyrimidine-2,4-diamine, 6,7,8,9-tetrahydro-N4-(5-methyl-1H-pyrazol-3-yl)-N2-phenyl- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438205-06-2 CAPLUS

CN Pyrido[3,4-d]pyrimidine-2,4-diamine, N2-1H-benzimidazol-2-yl-5,6,7,8-tetrahydro-N4-(5-methyl-1H-pyrazol-3-yl)-7-(phenylmethyl)- (9CI) (CA INDEX NAME)

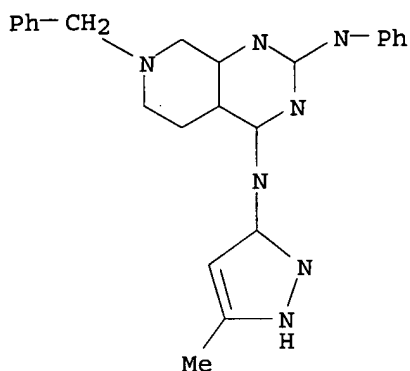


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438205-07-3 CAPLUS

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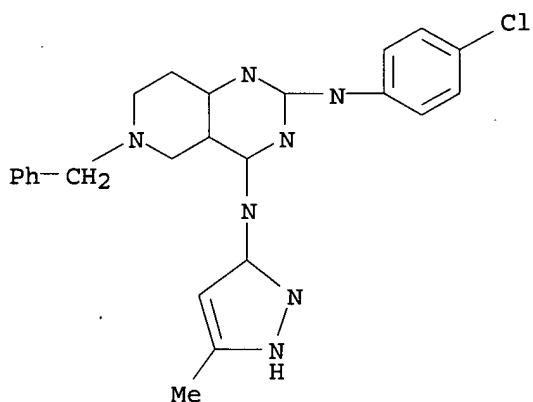
CN Pyrido[3,4-d]pyrimidine-2,4-diamine, 5,6,7,8-tetrahydro-N4-(5-methyl-1H-pyrazol-3-yl)-N2-phenyl-7-(phenylmethyl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438205-08-4 CAPLUS

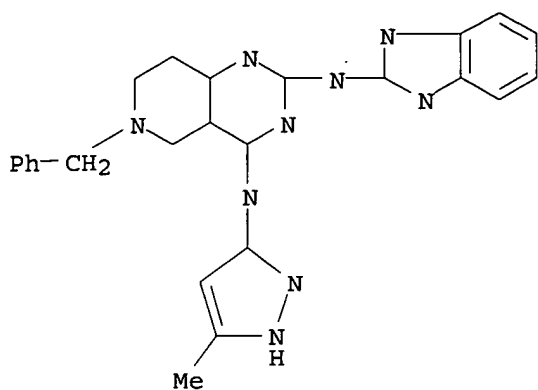
CN Pyrido[4,3-d]pyrimidine-2,4-diamine, N2-(4-chlorophenyl)-5,6,7,8-tetrahydro-N4-(5-methyl-1H-pyrazol-3-yl)-6-(phenylmethyl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438205-09-5 CAPLUS

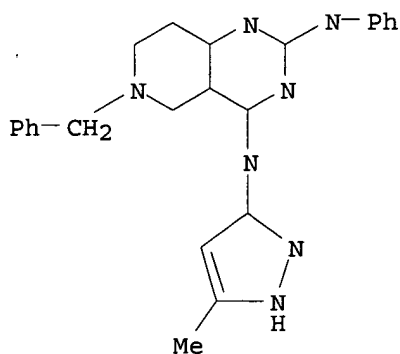
CN Pyrido[4,3-d]pyrimidine-2,4-diamine, N2-1H-benzimidazol-2-yl-5,6,7,8-tetrahydro-N4-(5-methyl-1H-pyrazol-3-yl)-6-(phenylmethyl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

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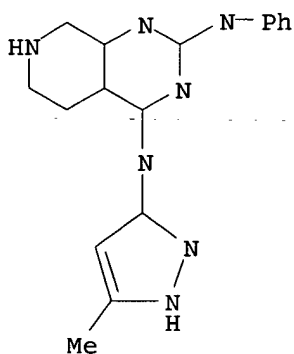
CN Pyrido[4,3-d]pyrimidine-2,4-diamine, 5,6,7,8-tetrahydro-N4-(5-methyl-1H-pyrazol-3-yl)-N2-phenyl-6-(phenylmethyl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438205-11-9 CAPLUS

CN Pyrido[3,4-d]pyrimidine-2,4-diamine, 5,6,7,8-tetrahydro-N4-(5-methyl-1H-pyrazol-3-yl)-N2-phenyl- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

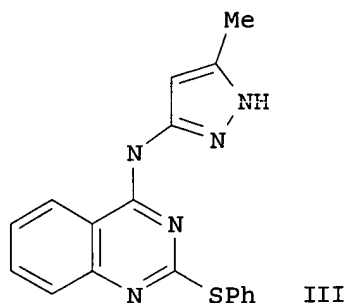
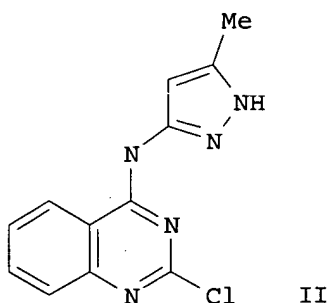
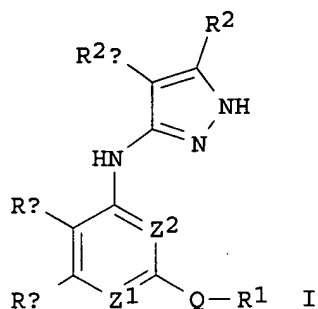
10/ 026,967

DOCUMENT NUMBER: 137:47221
TITLE: Preparation of 3-(4-pyrimidinylamino)-1H-pyrazoles as protein kinase inhibitors, especially of Aurora-2 and GSK-3, for treatment of cancer, diabetes, and Alzheimer's disease
INVENTOR(S): Bebbington, David; Charrier, Jean-Damien; Davies, Robert; Everitt, Simon; Kay, David; Knegetel, Ronald; Patel, Sanjay
PATENT ASSIGNEE(S): Vertex Pharmaceuticals Incorporated, USA
SOURCE: PCT Int. Appl., 342 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 14
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002050065	A2	20020627	WO 2001-US49140	20011219
WO 2002050065	A3	20021024		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
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US 2003004161	A1	20030102	US 2001-26975	20011219
US 2003036543	A1	20030220	US 2001-25164	20011219
US 2003055068	A1	20030320	US 2001-26967	20011219
US 2003078275	A1	20030424	US 2001-27001	20011219
US 2003004164	A1	20030102	US 2001-34683	20011220
US 2003022885	A1	20030130	US 2001-34019	20011220
PRIORITY APPLN. INFO.:			US 2000-257887P	P 20001221
			US 2001-286949P	P 20010427
			WO 2001-US49140	W 20011219

OTHER SOURCE(S): MARPAT 137:47221
GI

same priority file



AB Title compds. I [wherein Z1 = N or CR8; Z2 = N or CH; and at least 1 of Z1 and Z2 = N; Rx and Ry = independently TR3 or LZR3; or C2RxRy = (un)substituted fused (hetero)cycle; Q = NR4, O, S, C(6a)2, 1,2-cyclo(prop/but)anediyl, or 1,3-cyclobutanediyl; R1 = TD; D = (un)substituted mono- or bicyclic (hetero)aryl, heterocyclyl, or carbocyclyl; T = a bond or alkylidene chain (un)interrupted by O, S, NR4, CO, CONH, NHCO, SO2, SO2NH, NHSO2, CO2, OCO, OCONH, or NHCO2, with provisos; Z = alkylidene chain; L = O, S, SO, SO2, NR6SO2, SO2NR6, NR6, NR6CO, NR6CO2, NR6CONR6, NR6SO2NR6, NR6NR6, OCONR6, or W; R2 and R2a = independently R, TWR6, or C2R2R2a = (un)substituted fused (hetero)cycle; R3 = R, halo, OR, COR, CO2R, CO(CH2)0-1COR, NO2, CN, SO0-2R, N(R4)2, carbamoyl, sulfamoyl, OCOR, acylamino, hydrazino, ureido, etc.; R = independently H or (un)substituted aliph., (hetero)aryl, or heterocyclyl; R4 = independently R7, COR7, carboxy, CON(R7)2, or SO2R7; W = CO, CO2, CONR6, C(R6)2O, C(R6)2SO0-2, C(R6)2SO2NR6, C(R6)2NR6, C(R6)2NR6CO, C(R6)2NR6CO2, CR6:NNR6, CR6:NO, C(R6)2NR6NR6, C(R6)2NR6SO2NR6, or C(R6)2NR6CONR6; R6, R6a, R7 = independently H or aliph.; or N(R6)2 or N(R7)2 = independently heterocyclyl or heteroaryl; or C(R6a)2 = carbocycle; R8 = R, halo, OR, COR, CO2R, COCOR, NO2, CN, SO0-2R, N(R4)2, CON(R4)2, SO2(R4)2, OCOR, NR4COR, NR4CO2(aliph.), NR4N(R4)2, C:NN(R4)2, C:NOR, NR4CO(R4)2, NR4SO2N(R4)2, NR4SO2R, or OCON(R4)2] were prep'd. I are protein kinase inhibitors, esp. of Aurora-2 and GSK-3. For example, the (pyrazolylamino)quinazoline II was refluxed with thiophenol in t-BuOH to give III. In bioassays, I inhibited the following kinases with Ki values reported < 20 .mu.M: GSK-3.beta. (232 compds.), AURORA-2 (227 compds.), CDK-2 (13 compds.), ERK2 (8 compds.), AKT (10 compds.), and Human Src kinase (183 compds.). I are useful for the treatment of diseases assocd. with protein kinases, such as diabetes, cancer, and Alzheimer's disease (no data).

IT 438204-86-5P 438204-90-1P

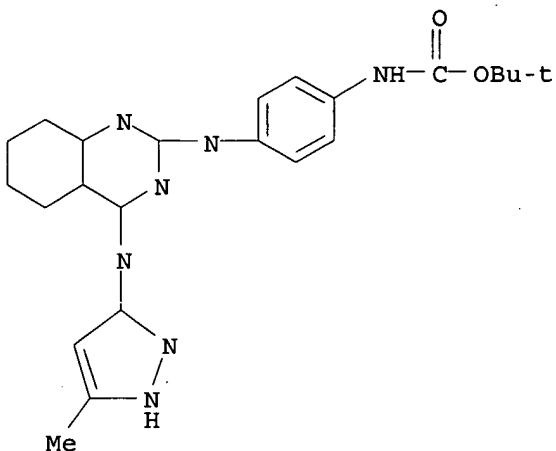
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(protein kinase inhibitor; prepn. of (pyrimidinylamino)pyrazoles as

protein kinase inhibitors for treatment of cancer, diabetes, and
Alzheimer's disease)

RN 438204-86-5 CAPLUS

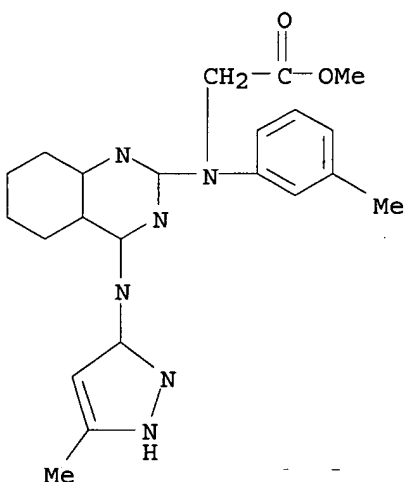
CN Carbamic acid, [4-[[4-[(5-methyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-90-1 CAPLUS

CN Glycine, N-(3-methylphenyl)-N-[4-[(5-methyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]-, methyl ester (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

IT 438203-14-6P, [2-(3-Chlorophenylamino)quinazolin-4-yl] (5-methyl-1H-pyrazol-3-yl)amine 438204-28-5P 438204-29-6P, [2-(Methylphenylamino)quinazolin-4-yl] (5-methyl-1H-pyrazol-3-yl)amine 438204-30-9P, (5-Methyl-1H-pyrazol-3-yl) [2-[N-methyl-N-(pyridin-3-ylmethyl)amino]quinazolin-4-yl]amine 438204-31-0P, (5-Methyl-1H-pyrazol-3-yl) (2-phenylaminoquinazolin-4-yl)amine 438204-32-1P, (2-Benzylaminoquinazolin-4-yl) (5-methyl-1H-pyrazol-3-yl)amine 438204-33-2P, (2-Cyclohexylaminoquinazolin-4-yl) (5-methyl-1H-pyrazol-3-yl)amine 438204-34-3P, [2-(2,3-Dihydrobenzo[1,4]dioxin-6-ylamino)quinazolin-4-yl] (5-methyl-1H-pyrazol-3-yl)amine 438204-35-4P 438204-36-5P,

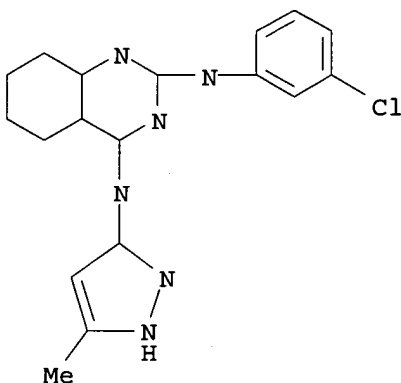
[2-(1H-Indazol-6-ylamino)quinazolin-4-yl] (5-methyl-1H-pyrazol-3-yl)amine
438204-37-6P 438204-38-7P, [2-(4-Chlorophenylamino)quinazolin-4-yl] (5-methyl-1H-pyrazol-3-yl)amine
438204-39-8P, [2-(4-Fluorobenzylamino)quinazolin-4-yl] (5-methyl-1H-pyrazol-3-yl)amine
438204-40-1P 438204-41-2P 438204-42-3P, [2-(3-Hydroxyphenylamino)quinazolin-4-yl] (5-methyl-1H-pyrazol-3-yl)amine
438204-43-4P, (5-Cyclopropyl-1H-pyrazol-3-yl) (2-phenylaminoquinazolin-4-yl)amine
438204-44-5P, (5-Cyclopropyl-1H-pyrazol-3-yl) [2-(3-methylphenylamino)quinazolin-4-yl]amine
438204-45-6P, (5-Cyclopropyl-1H-pyrazol-3-yl) [2-(6-methoxypyridin-3-ylamino)quinazolin-4-yl]amine
438204-46-7P, (5-Cyclopropyl-1H-pyrazol-3-yl) [2-(indan-5-ylamino)quinazolin-4-yl]amine
438204-47-8P, (5-Cyclopropyl-1H-pyrazol-3-yl) [2-(1H-indol-6-ylamino)quinazolin-4-yl]amine
438204-48-9P, [2-(4-Acetamido-3-methylphenylamino)quinazolin-4-yl] (5-cyclopropyl-1H-pyrazol-3-yl)amine
438204-49-0P, [2-(4-Chloro-3-methylphenylamino)quinazolin-4-yl] (5-cyclopropyl-1H-pyrazol-3-yl)amine
438204-50-3P, (5-Cyclopropyl-1H-pyrazol-3-yl) [2-(4-ethylphenylamino)quinazolin-4-yl]amine
438204-51-4P, (5-Cyclopropyl-1H-pyrazol-3-yl) [2-(4-propylphenylamino)quinazolin-4-yl]amine
438204-52-5P, (5-Cyclopropyl-1H-pyrazol-3-yl) [2-[4-(2-hydroxyethyl)phenylamino]quinazolin-4-yl]amine
438204-53-6P, (5-Cyclopropyl-1H-pyrazol-3-yl) (2-phenethylaminoquinazolin-4-yl)amine
438204-54-7P, [2-(2-Cyclohexylethylamino)quinazolin-4-yl] (5-cyclopropyl-1H-pyrazol-3-yl)amine
438204-55-8P 438204-56-9P 438204-57-0P, [2-(Benzothiazol-6-ylamino)quinazolin-4-yl] (5-cyclopropyl-1H-pyrazol-3-yl)amine
438204-58-1P, (5-Cyclopropyl-1H-pyrazol-3-yl) [2-(3,4-dimethylphenylamino)quinazolin-4-yl]amine
438204-59-2P, (5-Cyclopropyl-1H-pyrazol-3-yl) [2-(2-phenoxyethylamino)quinazolin-4-yl]amine
438204-60-5P 438204-62-7P 438204-63-8P, (5-Cyclopropyl-1H-pyrazol-3-yl) [2-(1H-indazol-5-ylamino)quinazolin-4-yl]amine
438204-64-9P 438204-65-0P 438204-66-1P, [2-(3-Carboxyphenylamino)quinazolin-4-yl] (5-cyclopropyl-1H-pyrazol-3-yl)amine
438204-67-2P, (5-Cyclopropyl-1H-pyrazol-3-yl) [2-(3-ethylphenylamino)quinazolin-4-yl]amine
438204-68-3P, (5-Cyclopropyl-1H-pyrazol-3-yl) [2-(2,3-dimethylphenylamino)quinazolin-4-yl]amine
438204-69-4P, (5-Cyclopropyl-1H-pyrazol-3-yl) [2-(3,4-dimethoxyphenylamino)quinazolin-4-yl]amine
438204-70-7P, (5-Cyclopropyl-1H-pyrazol-3-yl) [2-(3-methoxyphenylamino)quinazolin-4-yl]amine
438204-71-8P, (5-Methyl-1H-pyrazol-3-yl) (2-phenylamino-5,6,7,8-tetrahydroquinazolin-4-yl)amine
438204-72-9P, [2-(Biphenyl-3-ylamino)quinazolin-4-yl] (5-cyclopropyl-1H-pyrazol-3-yl)amine
438204-73-0P, (5-Cyclopropyl-1H-pyrazol-3-yl) [2-(3-phenylprop-1-ylamino)quinazolin-4-yl]amine
438204-74-1P, [2-(4-Acetamido-3-methylphenylamino)quinazolin-4-yl] (5-methyl-1H-pyrazol-3-yl)amine
438204-75-2P, (5-Cyclopropyl-1H-pyrazol-3-yl) [2-(indan-2-ylamino)quinazolin-4-yl]amine
438204-76-3P, [2-(3-Methylphenylamino)quinazolin-4-yl] (5-methyl-1H-pyrazol-3-yl)amine
438204-77-4P, [2-(2-Chloro-5-methylphenylamino)quinazolin-4-yl] (5-methyl-1H-pyrazol-3-yl)amine
438204-78-5P 438204-79-6P, [2-(Benzothiazol-6-ylamino)quinazolin-4-yl] (5-methyl-1H-pyrazol-3-yl)amine
438204-80-9P, [2-(3,4-Dimethylphenylamino)quinazolin-4-yl] (5-methyl-1H-pyrazol-3-yl)amine
438204-81-0P, [2-(3-Ethylphenylamino)quinazolin-4-yl] (5-methyl-1H-pyrazol-3-yl)amine
438204-82-1P, [2-(3-Methoxyphenylamino)quinazolin-4-yl] (5-methyl-1H-pyrazol-3-yl)amine
438204-83-2P, [2-(4-Acetamido-3-cyanophenylamino)quinazolin-4-yl] (5-methyl-1H-pyrazol-3-yl)amine
438204-84-3P, [2-(2-Methoxybiphenyl-5-ylamino)quinazolin-4-yl] (5-methyl-1H-pyrazol-3-yl)amine
438204-85-4P, [2-(4-Acetamidophenylamino)quinazolin-4-yl] (5-methyl-1H-pyrazol-3-yl)amine
438204-87-6P, [2-(4-Cyanophenylamino)quinazolin-4-yl] (5-methyl-1H-pyrazol-3-yl)amine
438204-88-7P 438204-89-8P,

[2-(Biphenyl-3-ylamino)quinazolin-4-yl] (5-methyl-1H-pyrazol-3-yl)amine
438204-91-2P 438204-92-3P, [2-(4-Aminophenylamino)quinazolin-4-yl] (5-methyl-1H-pyrazol-3-yl)amine
438204-93-4P, [2-(4-Bromophenylamino)quinazolin-4-yl] (5-methyl-1H-pyrazol-3-yl)amine **438204-94-5P 438204-95-6P**,
 (5-Ethyl-1H-pyrazol-3-yl) [2-(5-ethyl-1H-pyrazol-3-ylamino)quinazolin-4-yl]amine **438205-04-0P**, [2-(4-Chlorophenylamino)-5,6,7,8-tetrahydroquinazolin-4-yl] (5-methyl-1H-pyrazol-3-yl)amine
438205-05-1P, (5-Methyl-1H-pyrazol-3-yl) (2-phenylamino-6,7,8,9-tetrahydro-5H-cycloheptapyrimidin-4-yl)amine **438205-06-2P**,
 [2-(Benzimidazol-2-ylamino)-7-benzyl-5,6,7,8-tetrahydropyrido[3,4-d]pyrimidin-4-yl] (5-methyl-1H-pyrazol-3-yl)amine **438205-07-3P**,
 [7-Benzyl-2-phenylamino-5,6,7,8-tetrahydropyrido[3,4-d]pyrimidin-4-yl] (5-methyl-1H-pyrazol-3-yl)amine **438205-08-4P**, [6-Benzyl-2-(4-chlorophenylamino)-5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-4-yl] (5-methyl-1H-pyrazol-3-yl)amine **438205-09-5P**, [2-(Benzimidazol-2-ylamino)-6-benzyl-5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-4-yl] (5-methyl-1H-pyrazol-3-yl)amine **438205-10-8P**, [6-Benzyl-2-phenylamino-5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-4-yl] (5-methyl-1H-pyrazol-3-yl)amine **438205-11-9P**, (5-Methyl-1H-pyrazol-3-yl)-(2-phenylamino-5,6,7,8-tetrahydropyrido[3,4-d]pyrimidin-4-yl)amine
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(protein kinase inhibitor; prepn. of (pyrimidinylamino)pyrazoles as protein kinase inhibitors for treatment of cancer, diabetes, and Alzheimer's disease)

RN 438203-14-6 CAPLUS

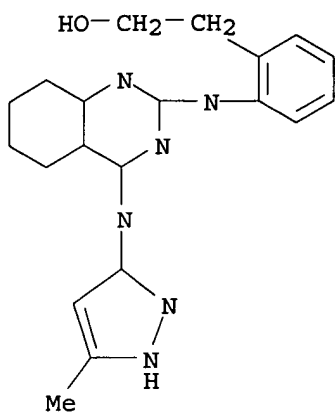
CN 2,4-Quinazolin-2-amine, N2-(3-chlorophenyl)-N4-(5-methyl-1H-pyrazol-3-yl)-(9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-28-5 CAPLUS

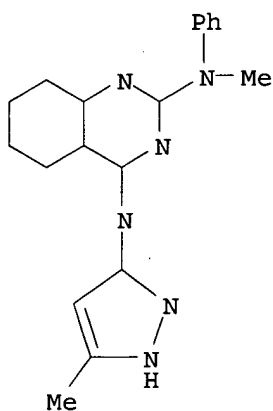
CN Benzeneethanol, 2-[[4-[(5-methyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-29-6 CAPLUS

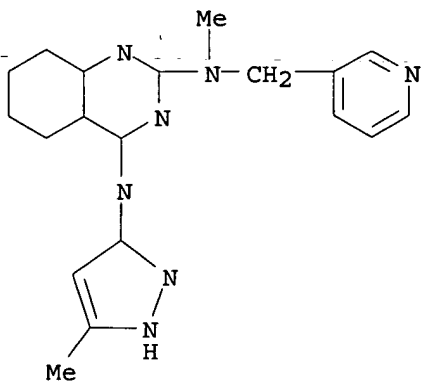
CN 2,4-Quinazolinediamine, N2-methyl-N4-(5-methyl-1H-pyrazol-3-yl)-N2-phenyl- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-30-9 CAPLUS

CN 2,4-Quinazolinediamine, N2-methyl-N4-(5-methyl-1H-pyrazol-3-yl)-N2-(3-pyridinylmethyl)- (9CI) (CA INDEX NAME)

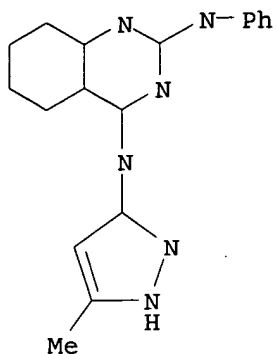


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

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RN 438204-31-0 CAPLUS

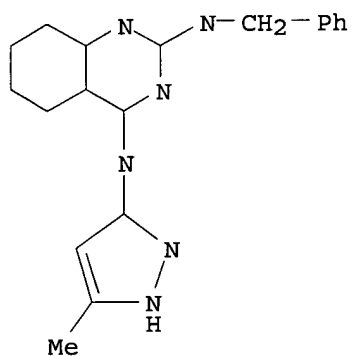
CN 2,4-Quinazolinediamine, N4-(5-methyl-1H-pyrazol-3-yl)-N2-phenyl- (9CI)
(CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-32-1 CAPLUS

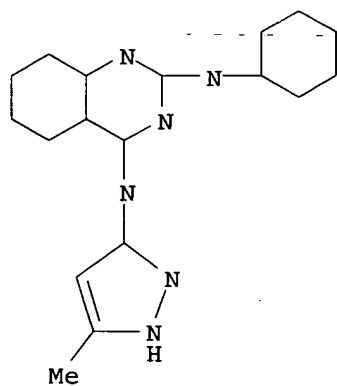
CN 2,4-Quinazolinediamine, N4-(5-methyl-1H-pyrazol-3-yl)-N2-(phenylmethyl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-33-2 CAPLUS

CN 2,4-Quinazolinediamine, N2-cyclohexyl-N4-(5-methyl-1H-pyrazol-3-yl)- (9CI)
(CA INDEX NAME)

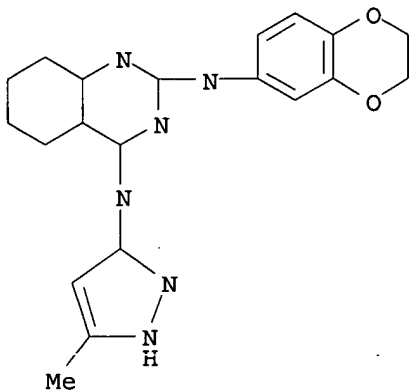


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*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-34-3 CAPLUS

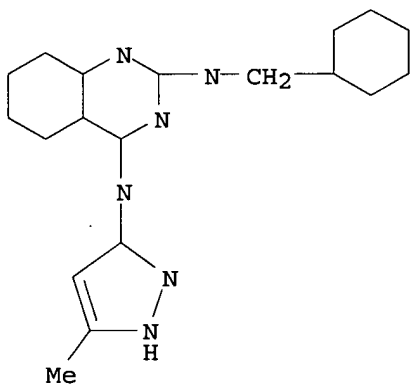
CN 2,4-Quinazolinediamine, N2-(2,3-dihydro-1,4-benzodioxin-6-yl)-N4-(5-methyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-35-4 CAPLUS

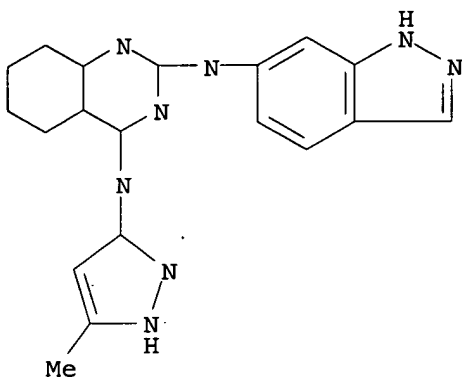
CN 2,4-Quinazolinediamine, N2-(cyclohexylmethyl)-N4-(5-methyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-36-5 CAPLUS

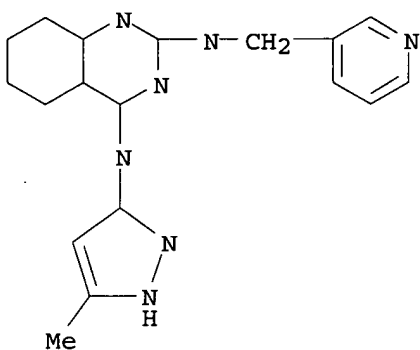
CN 2,4-Quinazolinediamine, N2-1H-indazol-6-yl-N4-(5-methyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-37-6 CAPLUS

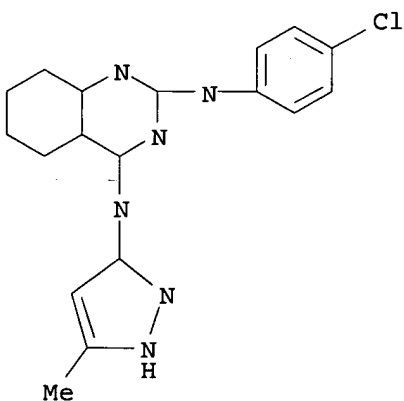
CN 2,4-Quinazolinediamine, N4-(5-methyl-1H-pyrazol-3-yl)-N2-(3-pyridinylmethyl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-38-7 CAPLUS

CN 2,4-Quinazolinediamine, N2-(4-chlorophenyl)-N4-(5-methyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)

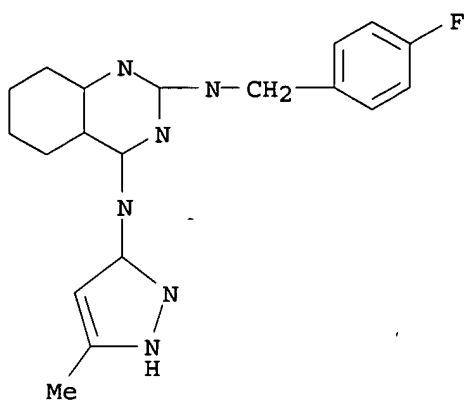


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-39-8 CAPLUS

CN 2,4-Quinazolinediamine, N2-[(4-fluorophenyl)methyl]-N4-(5-methyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)

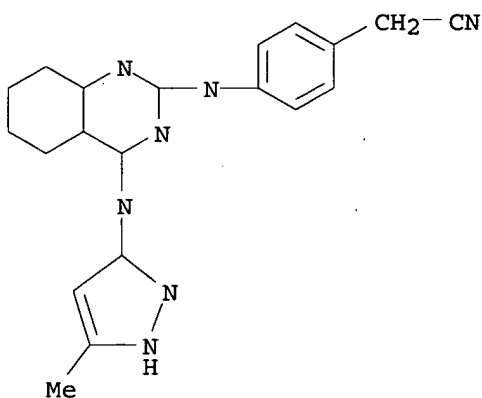
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*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-40-1 CAPLUS

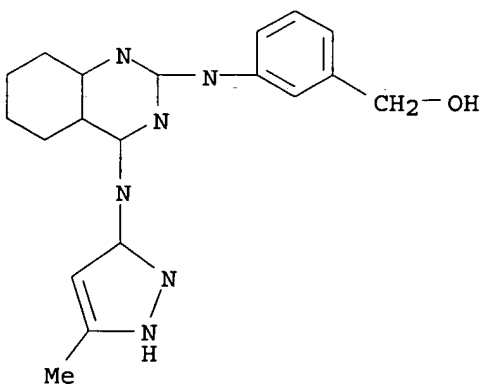
CN Benzenecetonitrile, 4-[[4-[(5-methyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-41-2 CAPLUS

CN Benzenemethanol, 3-[[4-[(5-methyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]- (9CI) (CA INDEX NAME)

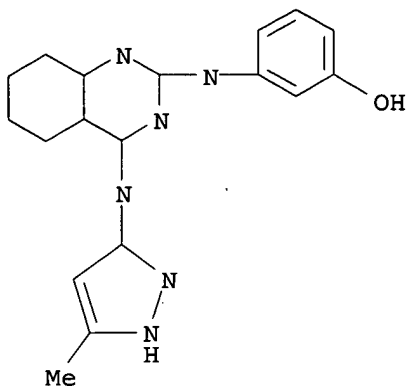


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-42-3 CAPLUS

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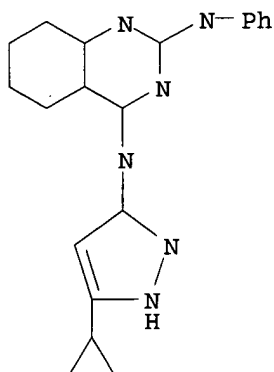
CN Phenol, 3-[[4-[(5-methyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]-
(9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-43-4 CAPLUS

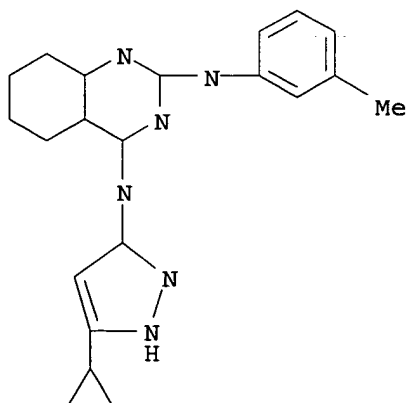
CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-phenyl-
(9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-44-5 CAPLUS

CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(3-methylphenyl)- (9CI) (CA INDEX NAME)

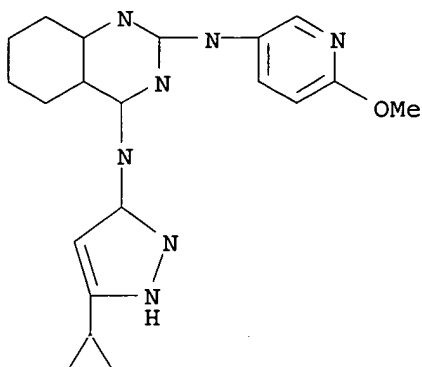


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*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-45-6 CAPLUS

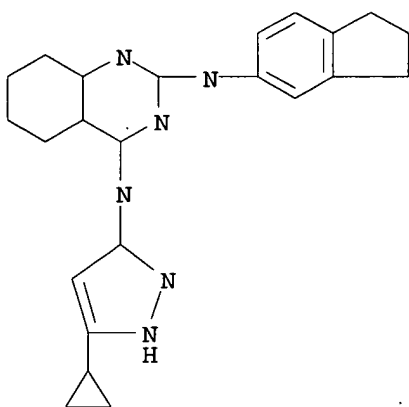
CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(6-methoxy-3-pyridinyl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-46-7 CAPLUS

CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(2,3-dihydro-1H-inden-5-yl)- (9CI) (CA INDEX NAME)

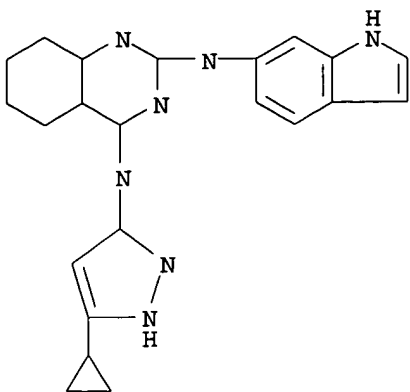


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-47-8 CAPLUS

CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-1H-indol-6-yl- (9CI) (CA INDEX NAME)

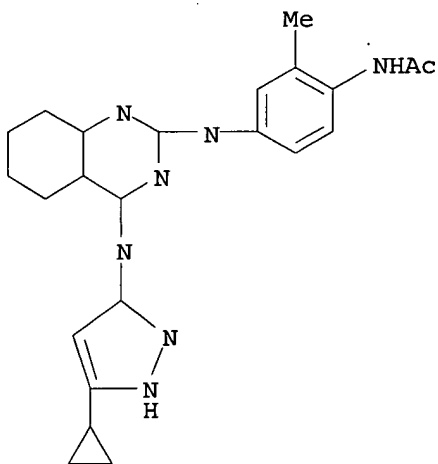
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*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-48-9 CAPLUS

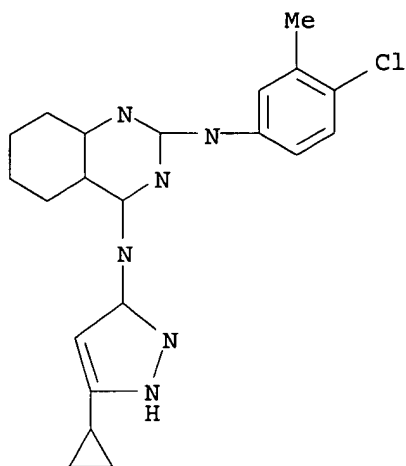
CN Acetamide, N-[4-[[4-[(5-cyclopropyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]-2-methylphenyl]- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-49-0 CAPLUS

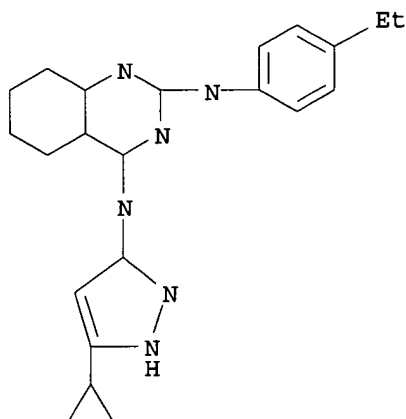
CN 2,4-Quinazolinediamine, N2-(4-chloro-3-methylphenyl)-N4-(5-cyclopropyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-50-3 CAPLUS

CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(4-ethylphenyl)- (9CI) (CA INDEX NAME)

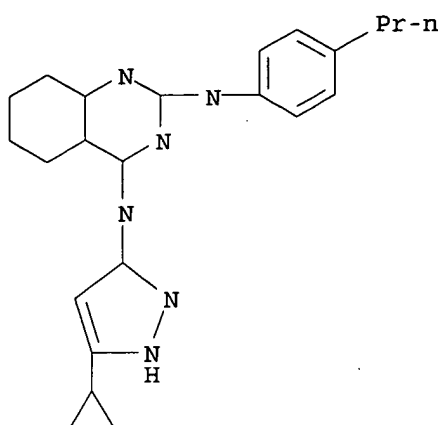


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-51-4 CAPLUS

CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(4-propylphenyl)- (9CI) (CA INDEX NAME)

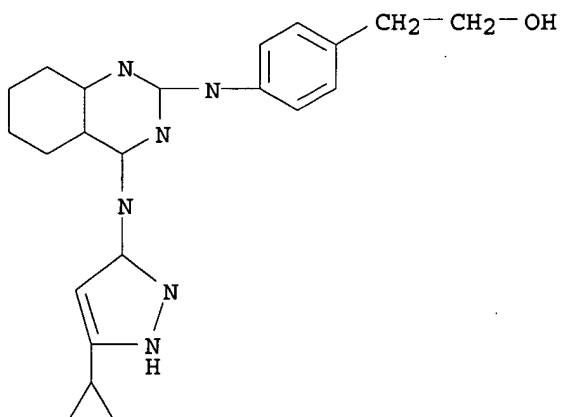
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*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-52-5 CAPLUS

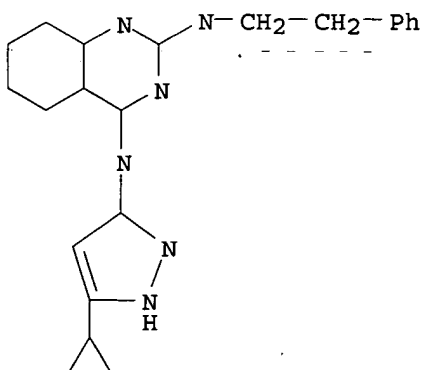
CN Benzeneethanol, 4-[[4-[(5-cyclopropyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-53-6 CAPLUS

CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(2-phenylethyl)- (9CI) (CA INDEX NAME)

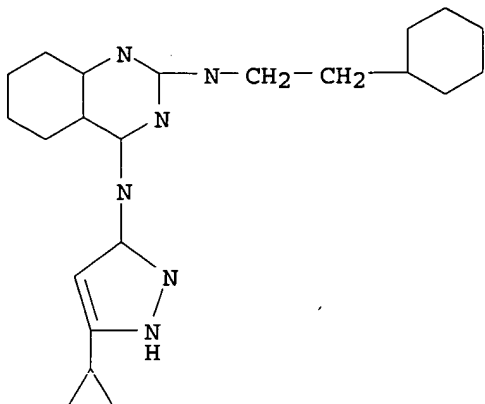


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

10/ 026,967

RN 438204-54-7 CAPLUS

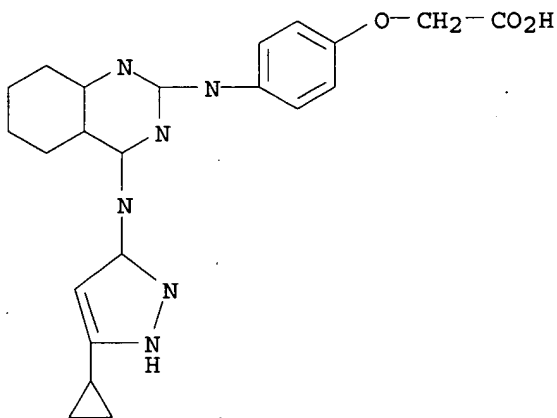
CN 2,4-Quinazolinediamine, N2-(2-cyclohexylethyl)-N4-(5-cyclopropyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-55-8 CAPLUS

CN Acetic acid, [4-[[4-[(5-cyclopropyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]phenoxy]- (9CI) (CA INDEX NAME)

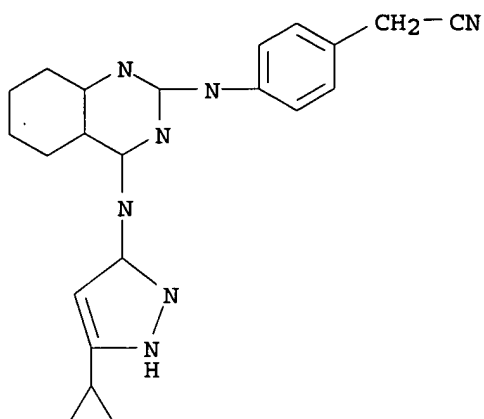


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-56-9 CAPLUS

CN Benzeneacetonitrile, 4-[[4-[(5-cyclopropyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]- (9CI) (CA INDEX NAME)

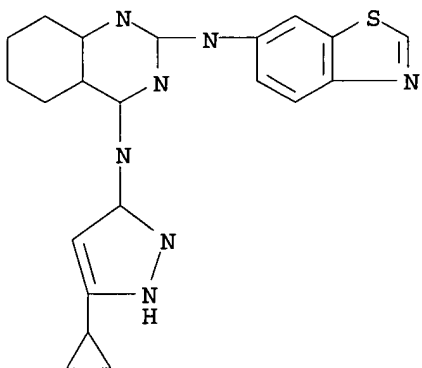
10/ 026,967



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-57-0 CAPLUS

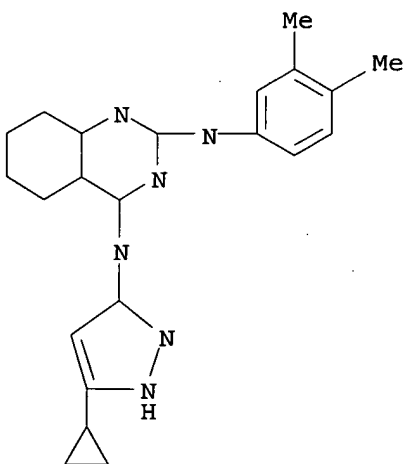
CN 2,4-Quinazolinediamine, N2-6-benzothiazolyl-N4-(5-cyclopropyl-1H-pyrazol-3-yl) - (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-58-1 CAPLUS

CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(3,4-dimethylphenyl) - (9CI) (CA INDEX NAME)

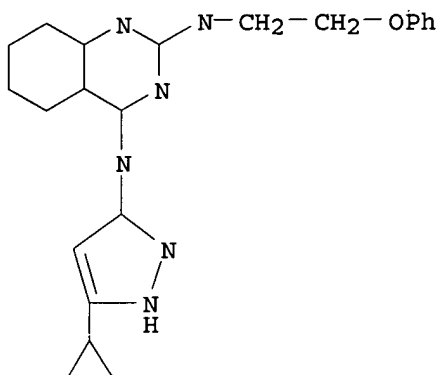


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*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-59-2 CAPLUS

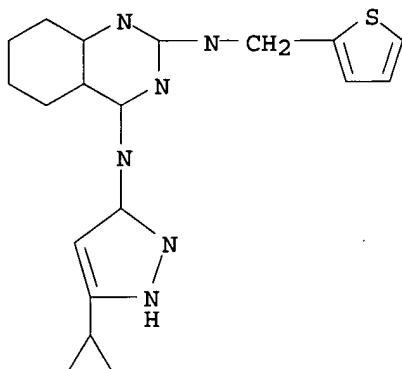
CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(2-phenoxyethyl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-60-5 CAPLUS

CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(2-thienylmethyl)- (9CI) (CA INDEX NAME)

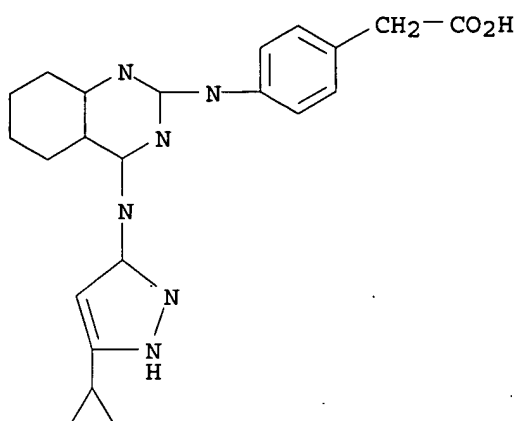


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-62-7 CAPLUS

CN Benzeneacetic acid, 4-[[4-[(5-cyclopropyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]- (9CI) (CA INDEX NAME)

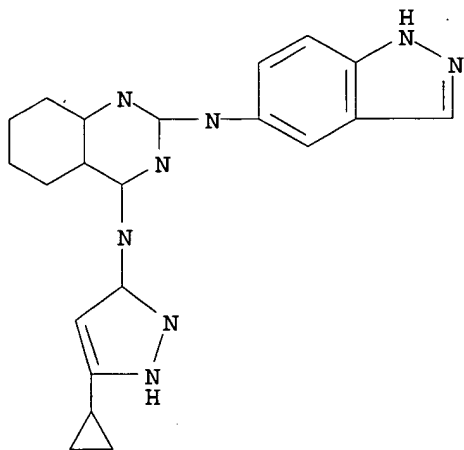
10/ 026,967



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-63-8 CAPLUS

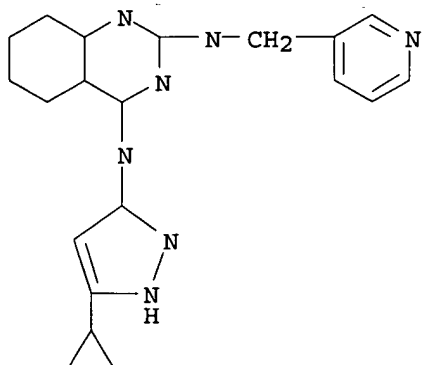
CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-1H-indazol-5-yl- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-64-9 CAPLUS

CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(3-pyridinylmethyl)- (9CI) (CA INDEX NAME)

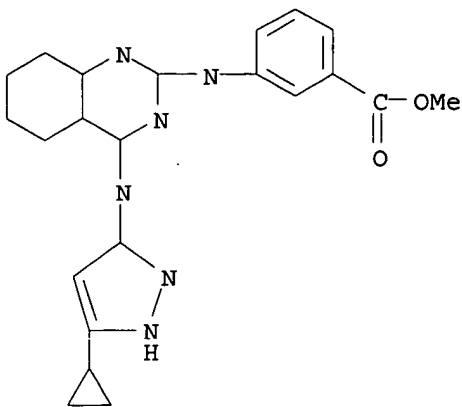


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*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-65-0 CAPLUS

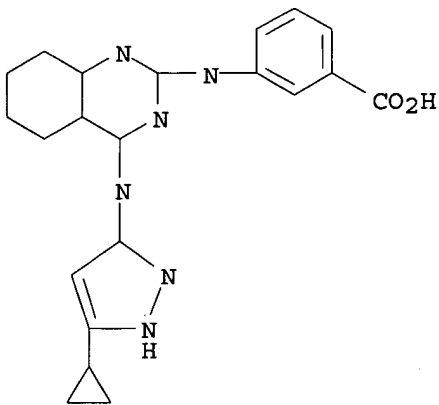
CN Benzoic acid, 3-[[4-[(5-cyclopropyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]-, methyl ester (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-66-1 CAPLUS

CN Benzoic acid, 3-[[4-[(5-cyclopropyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]- (9CI) (CA INDEX NAME)

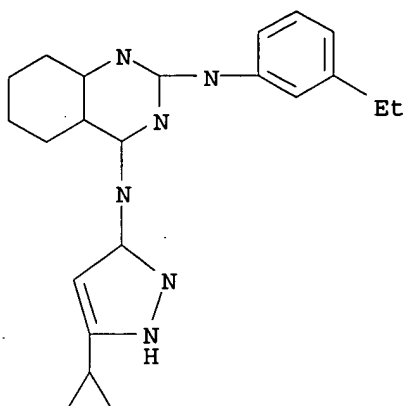


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-67-2 CAPLUS

CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(3-ethylphenyl)- (9CI) (CA INDEX NAME)

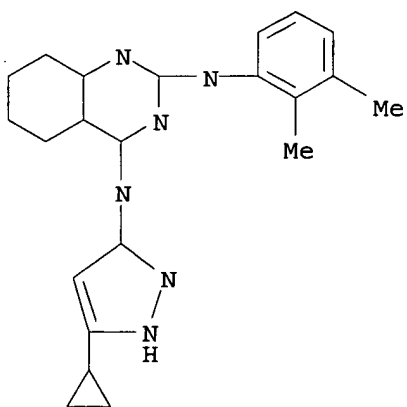
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*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-68-3 CAPLUS

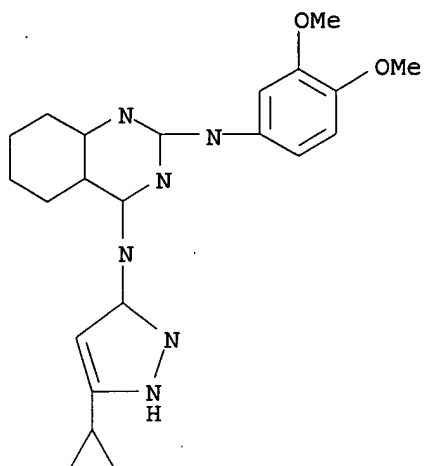
CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(2,3-dimethylphenyl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-69-4 CAPLUS

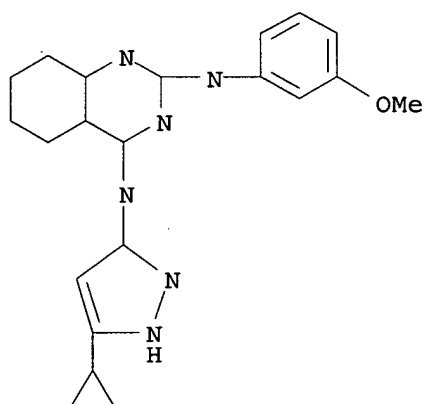
CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(3,4-dimethoxyphenyl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-70-7 CAPLUS

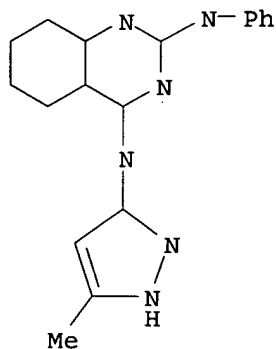
CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(3-methoxyphenyl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-71-8 CAPLUS

CN 2,4-Quinazolinediamine, 5,6,7,8-tetrahydro-N4-(5-methyl-1H-pyrazol-3-yl)-N2-phenyl- (9CI) (CA INDEX NAME)

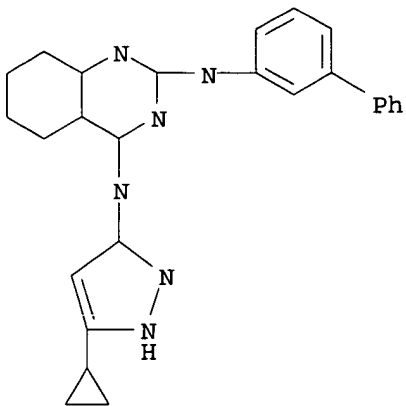


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*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-72-9 CAPLUS

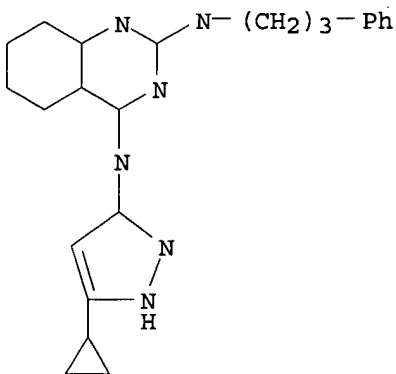
CN 2,4-Quinazolinediamine, N2-[1,1'-biphenyl]-3-yl-N4-(5-cyclopropyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-73-0 CAPLUS

CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(3-phenylpropyl)- (9CI) (CA INDEX NAME)

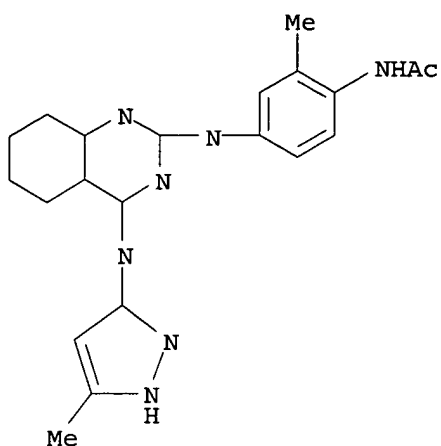


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-74-1 CAPLUS

CN Acetamide, N-[2-methyl-4-[[4-[(5-methyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]phenyl]- (9CI) (CA INDEX NAME)

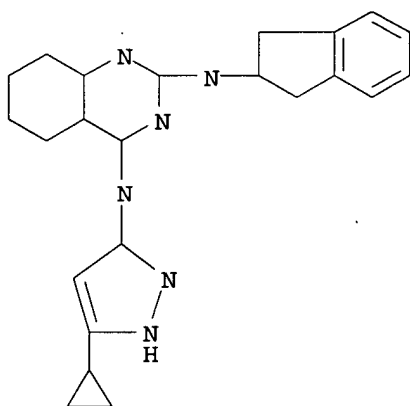
10/ 026,967



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-75-2 CAPLUS

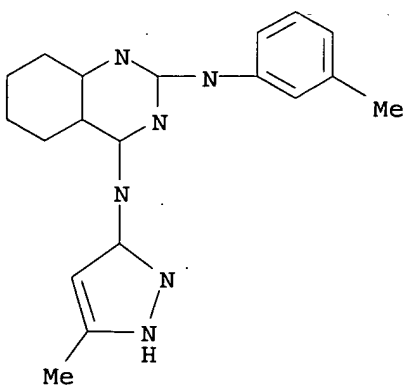
CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-(2,3-dihydro-1H-inden-2-yl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-76-3 CAPLUS

CN 2,4-Quinazolinediamine, N2-(3-methylphenyl)-N4-(5-methyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)

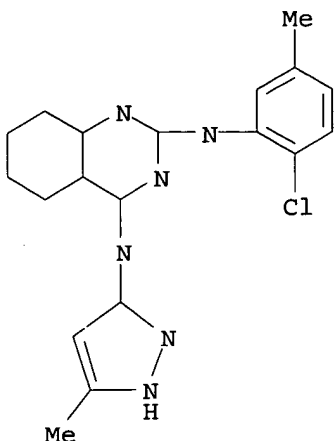


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*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-77-4 CAPLUS

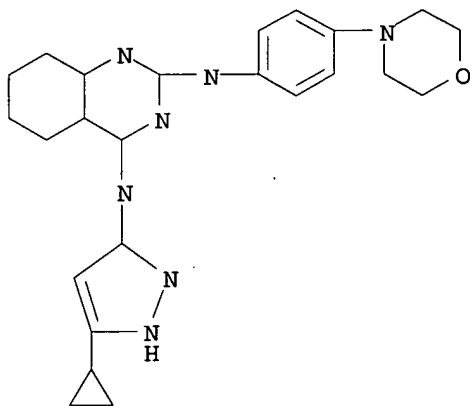
CN 2,4-Quinazolinediamine, N2-(2-chloro-5-methylphenyl)-N4-(5-methyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-78-5 CAPLUS

CN 2,4-Quinazolinediamine, N4-(5-cyclopropyl-1H-pyrazol-3-yl)-N2-[4-(4-morpholinyl)phenyl]- (9CI) (CA INDEX NAME)

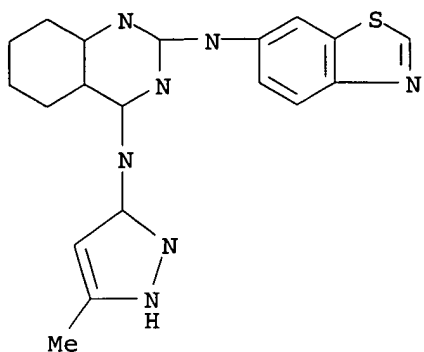


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-79-6 CAPLUS

CN 2,4-Quinazolinediamine, N2-6-benzothiazolyl-N4-(5-methyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)

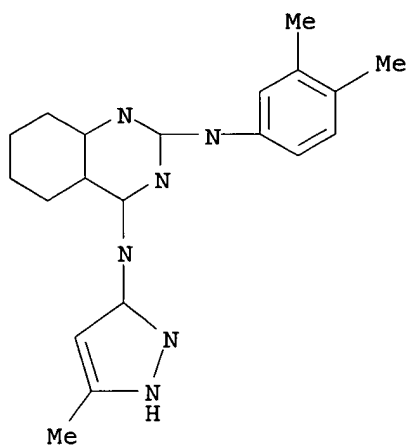
10/ 026,967



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-80-9 CAPLUS

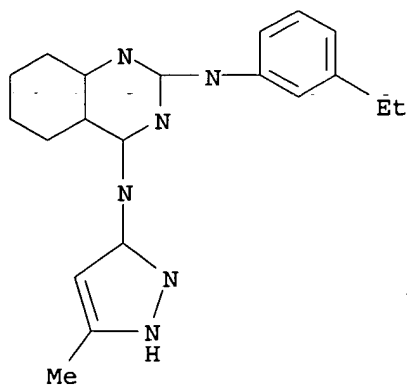
CN 2,4-Quinazolinediamine, N2-(3,4-dimethylphenyl)-N4-(5-methyl-1H-pyrazol-3-yl)-(9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-81-0 CAPLUS

CN 2,4-Quinazolinediamine, N2-(3-ethylphenyl)-N4-(5-methyl-1H-pyrazol-3-yl)-(9CI) (CA INDEX NAME)

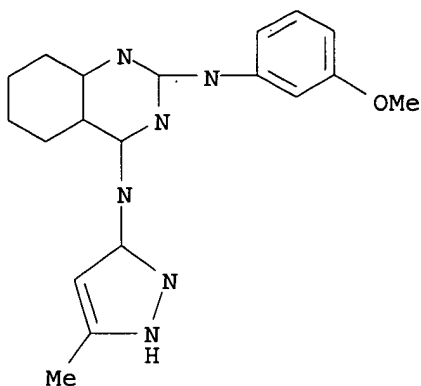


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-82-1 CAPLUS

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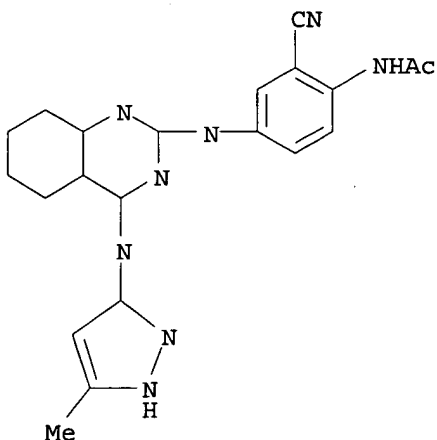
CN 2,4-Quinazolinediamine, N2-(3-methoxyphenyl)-N4-(5-methyl-1H-pyrazol-3-yl)-
(9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-83-2 CAPLUS

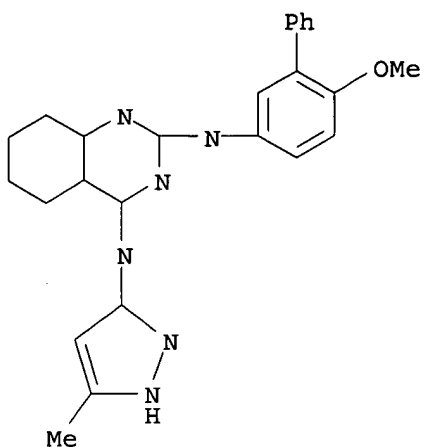
CN Acetamide, N-[2-cyano-4-[[4-[(5-methyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]phenyl]- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-84-3 CAPLUS

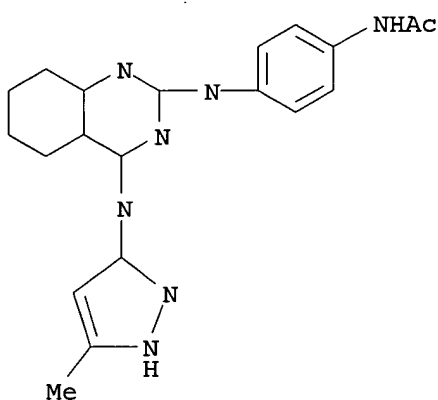
CN 2,4-Quinazolinediamine, N2-(6-methoxy[1,1'-biphenyl]-3-yl)-N4-(5-methyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-85-4 CAPLUS

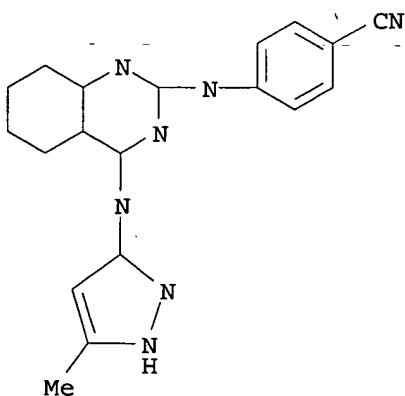
CN Acetamide, N-[4-[[4-[(5-methyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]phenyl]- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-87-6 CAPLUS

CN Benzonitrile, 4-[[4-[(5-methyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]- (9CI) (CA INDEX NAME)

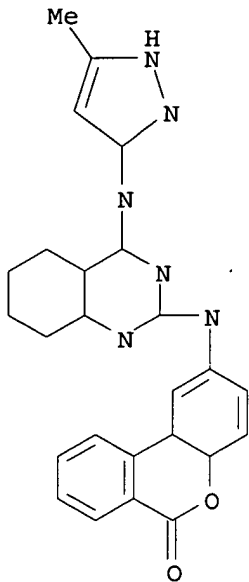


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*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-88-7 CAPLUS

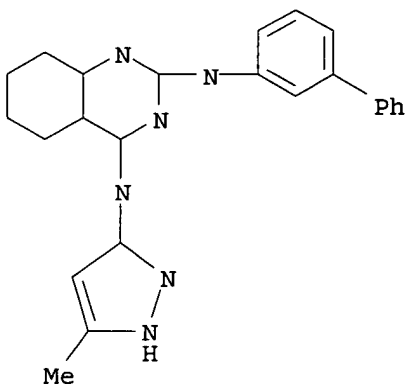
CN 6H-Dibenzo[b,d]pyran-6-one, 4a,10b-dihydro-2-[[4-[(5-methyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-89-8 CAPLUS

CN 2,4-Quinazolinediamine, N2-[1,1'-biphenyl]-3-yl-N4-(5-methyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)

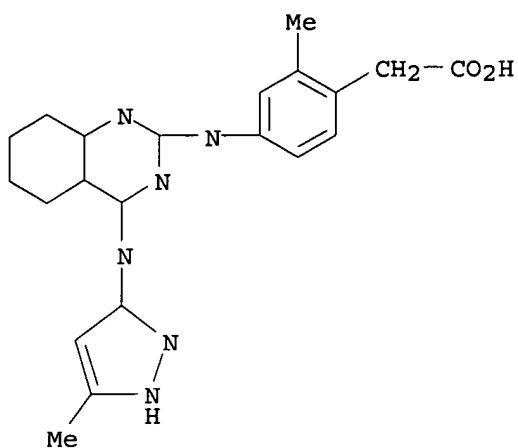


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-91-2 CAPLUS

CN Benzeneacetic acid, 2-methyl-4-[[4-[(5-methyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]- (9CI) (CA INDEX NAME)

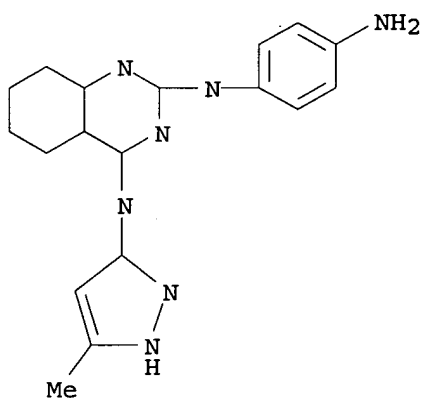
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*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-92-3 CAPLUS

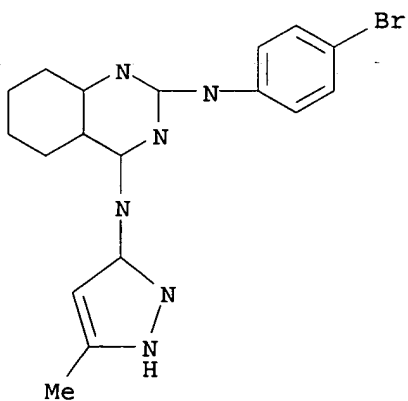
CN 2,4-Quinazolinediamine, N2-(4-aminophenyl)-N4-(5-methyl-1H-pyrazol-3-yl)-
(9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-93-4 CAPLUS

CN 2,4-Quinazolinediamine, N2-(4-bromophenyl)-N4-(5-methyl-1H-pyrazol-3-yl)-
(9CI) (CA INDEX NAME)

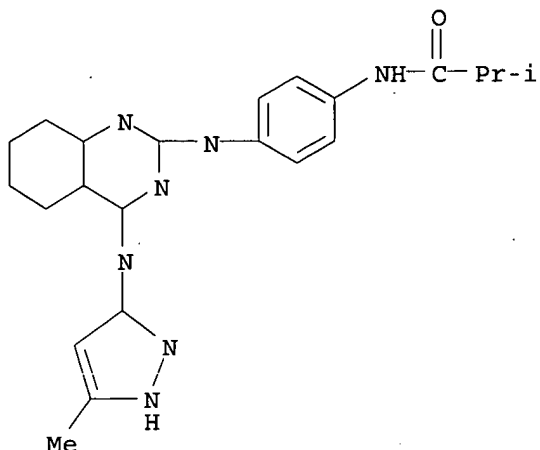


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*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-94-5 CAPLUS

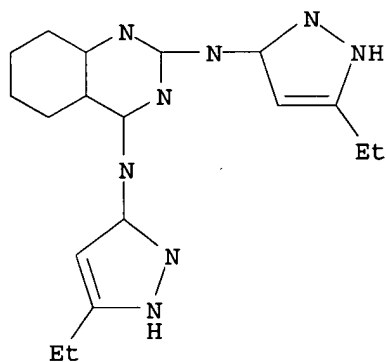
CN Propanamide, 2-methyl-N-[4-[[4-[(5-methyl-1H-pyrazol-3-yl)amino]-2-quinazolinyl]amino]phenyl]- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438204-95-6 CAPLUS

CN 2,4-Quinazolinediamine, N,N'-bis(5-ethyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)

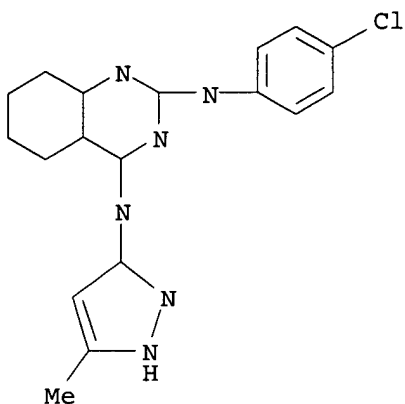


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438205-04-0 CAPLUS

CN 2,4-Quinazolinediamine, N2-(4-chlorophenyl)-5,6,7,8-tetrahydro-N4-(5-methyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)

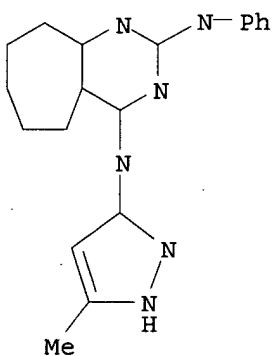
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*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438205-05-1 CAPLUS

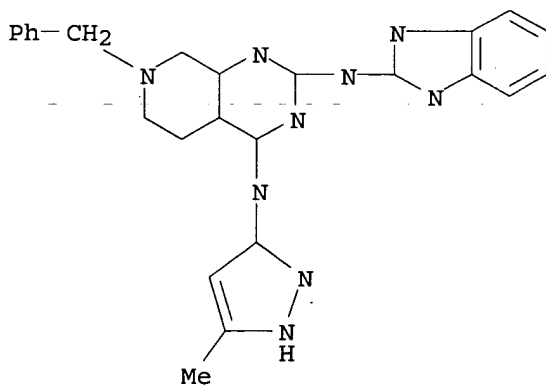
CN 5H-Cycloheptapyrimidine-2,4-diamine, 6,7,8,9-tetrahydro-N4-(5-methyl-1H-pyrazol-3-yl)-N2-phenyl- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438205-06-2 CAPLUS

CN Pyrido[3,4-d]pyrimidine-2,4-diamine, N2-1H-benzimidazol-2-yl-5,6,7,8-tetrahydro-N4-(5-methyl-1H-pyrazol-3-yl)-7-(phenylmethyl)- (9CI) (CA INDEX NAME)

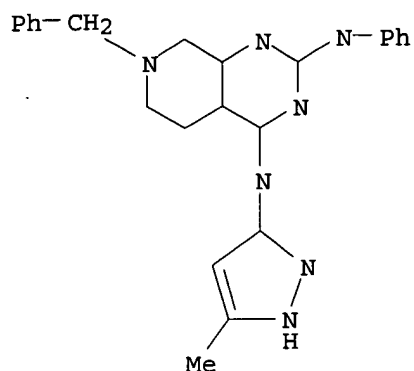


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438205-07-3 CAPLUS

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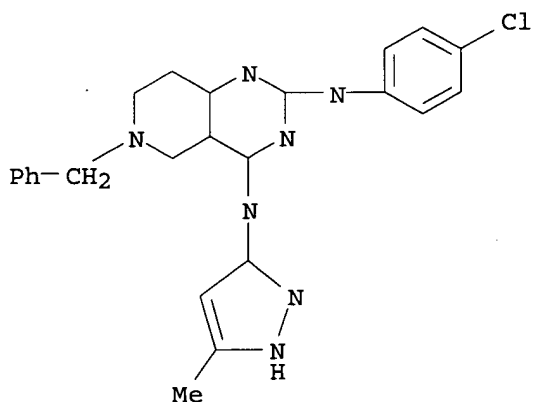
CN Pyrido[3,4-d]pyrimidine-2,4-diamine, 5,6,7,8-tetrahydro-N4-(5-methyl-1H-pyrazol-3-yl)-N2-phenyl-7-(phenylmethyl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438205-08-4 CAPLUS

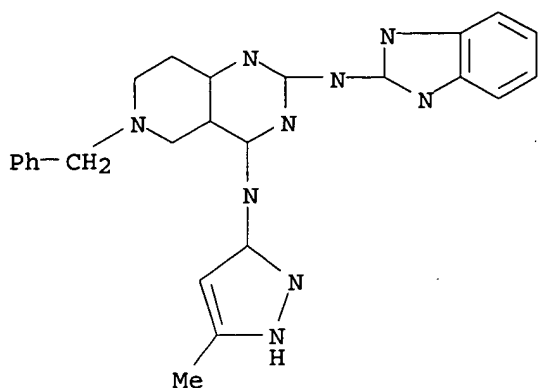
CN Pyrido[4,3-d]pyrimidine-2,4-diamine, N2-(4-chlorophenyl)-5,6,7,8-tetrahydro-N4-(5-methyl-1H-pyrazol-3-yl)-6-(phenylmethyl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438205-09-5 CAPLUS

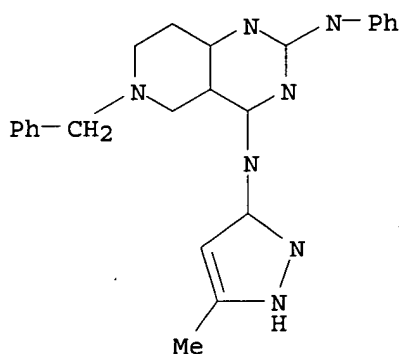
CN Pyrido[4,3-d]pyrimidine-2,4-diamine, N2-1H-benzimidazol-2-yl-5,6,7,8-tetrahydro-N4-(5-methyl-1H-pyrazol-3-yl)-6-(phenylmethyl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438205-10-8 CAPLUS

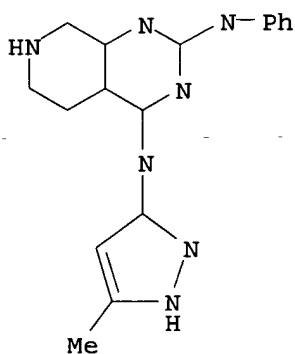
CN Pyrido[4,3-d]pyrimidine-2,4-diamine, 5,6,7,8-tetrahydro-N4-(5-methyl-1H-pyrazol-3-yl)-N2-phenyl-6-(phenylmethyl)- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 438205-11-9 CAPLUS

CN Pyrido[3,4-d]pyrimidine-2,4-diamine, 5,6,7,8-tetrahydro-N4-(5-methyl-1H-pyrazol-3-yl)-N2-phenyl- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

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(FILE 'HOME' ENTERED AT 13:53:56 ON 12 MAY 2003)

FILE 'REGISTRY' ENTERED AT 13:54:06 ON 12 MAY 2003

L1 STRUCTURE UPLOADED
L2 76 S L1 FUL

FILE 'CAPLUS' ENTERED AT 13:54:32 ON 12 MAY 2003

L3 4 S L2

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

19.40

167.76

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-2.60

-2.60

STN INTERNATIONAL LOGOFF AT 13:56:11 ON 12 MAY 2003